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MSS. and Magazine Correspondence
should be forwarded to the Editor,
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VKTWI: Sundays, at 1000 hours EST, on 7196
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EDITORIAL



A stirring message and, no doubt,
an inspiration to each and everyone
of us, entitled "A Call to the People
of Australia" was recently promulgated
throughout the Press and Radio
Stations of Australia.

From this message springs the thought
that it could be applied to the
Radio Amateurs of this country
—and in no small degree the members
of the Wireless Institute of Australia—in that we are in danger from
the apathy of the general member in
not doing his bit or not putting his
all towards achieving the goal of
inducing each and every licensed
Amateur to become a member of the
Institute.

We believe that each of us has a duty
to perform by recruiting into our ranks,
at least, one non-member, and in so doing help further our
aim from which comes additional
benefits in the administrative, social,
and financial spheres of our hobby.

The Federal Treasurer in his
Christmas message stated that finance
is the life blood of any organisation
and you all know that money is a very important commodity in the
conduct of a business. Each Division is a non-profit sharing business, and
whatever is earned is utilised in giving a better service to its members
in return.

What are you doing towards increasing this return? Are you the one
who leaves it to the other fellow? If so, your apathy, coupled with that
of a great proportion of your fellow

members, is the very thing that places the burden on the "faithful few" who are in turn called "the clique" because their best endeavours do not meet with your approval. Does it ever occur to you that your efforts are not recorded so they can be the subject of criticism? Perhaps you prefer to shelter in your seat at the general meeting and say nothing until the meeting is over, or in your shack vent your opinions where they can do the least good.

Recently this Executive had an interview with the Minister for the Interior, The Hon. W. S. Kent-Hughes, who expressed delight at the offer of the Institute in providing a large nucleus of trained personnel for the formation of a civilian defence network. He intimated that in a Bill to be presented to the Federal Parliament shortly, provision would be made to absorb the Radio Amateur in the communication side of the proposed scheme.

This is a challenge to the members of the Institute, which we feel will be accepted wholeheartedly, but unless it is, the Radio Amateur will lower the high prestige he now holds with the authorities, both civil and defence.

Therefore, we call upon you individually and collectively to reflect on these remarks, and in so doing, give thought as to how your future efforts can be of benefit to Amateur Radio and the Commonwealth of Australia.

—FEDERAL EXECUTIVE.

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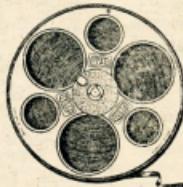
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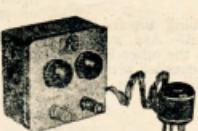
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Agenda Items for the 22nd Federal Convention

to be held at Sydney, 11th to 14th April, 1952

The Twenty-Second Federal Convention of the Wireless Institute of Australia is to be held in Sydney from 11th April to 14th April, 1952. Following is the agenda items listed for discussion:-

ADMINISTRATION

1-1. VK3—That Federal Executive be located in New South Wales for the 1952-1953.

Comment: It is felt that the time has come for some of the other Divisions to share the responsibility and arduous duties associated with running the Institute on a wider plan, and also that the introduction of new blood and fresh ideas and enthusiasm would be to the benefit of the Institute generally.

1-2. VK5—That Federal Executive be transferred to the New South Wales Division.

1-3. VK3—That consideration be given to holding the Federal Convention bi-annually.

1-4. VK4—That in view of the increasing high cost of conducting the Annual Federal Convention the Convention be held every two years, the next to be held in 1954.

1-5. VK5—That in future Federal Convention be held once in every two years.

1-6. VK4—That a uniform method be adopted by the Divisional QSL Bureaux with respect to unclaimed QSL cards for non-members, and that members be required to return them to the Federal Bureau after a determined time for storage, and future fate be considered.

1-7. VK7—That the addresses of the Divisional QSL Bureaux be included in the list of other official Divisional addressed in "Amateur Radio."

1-8. VK5—That the Divisional QSL Officer be the responsible person for the checking of QSL cards for the W.A.C., DX C.C., and other awards.

POLICY AND FINANCE

2-1. VK6—That if and when Federal Council authorises any project involving expenditure of funds a specific appropriation be made.

Comment: It is the general practice by F.E. that if a specific sum is allocated to any item, F.E. should cut the coat to fit the cloth. A recent example of unwarranted extravagance is the colossal sum expended on contest certificates, presumably because Federal Council did not specify any limit.

2-2. VK5—That the approval of all Divisions be obtained in advance for expenditure by F.E. on any item over £25.

Comment: A perusal of the F.E. expenditure will reveal sufficient reason. In all cases, the approval of Federal Council should be obtained as soon as possible in conformity with item 23 of the 1950 Convention.

2-4. F.E.—That it be the policy of the Institute to maintain a better standard of certificates issued by it both for local and overseas applicants, and that the cost be not made the major issue but rather the advancement of the W.I.A.

2-5. VK4—That the per-capita for Federal Executive be increased to 1/6.

2-6. VK5—That the Standard Log Sheet be not made compulsory for contestants logs as set out in the policy book, but that the words may be altered to make it a voluntary act to be publicised by the Divisions.

2-7. VK6—That the Divisions be encouraged in the interests of the Institute as a whole to freely exchange ideas and news of current happenings in the form of a news letter amongst themselves.

2-8. F.E.—That it be the immediate policy of the Institute within its Division to appreciate the value of increasing the technical interest to the public, and that all Divisions form active Social Committees to raise funds whereby all modern technical facilities can be owned by the Institute in every State.

Comment: With the greater technical advances made in the last year the Institute should expand as in this sphere to maintain recognition as a technical Institute.

2-9. VK1—That special efforts should be made to encourage the co-operation of all Amateurs in limiting the increasing amount of QRN in evidence on the Divisional Broadcasts.

Comment: Not only members of the W.I.A. but all Amateurs should co-operate, especially those who, because they cannot themselves hear a particular broadcast, think their own transmission does not interfere on the broadcast channels.

CONSTITUTION

3-1. F.E.—That the intention of the Uniform Divisional Constitution be discussed with a view to eliminating misinterpretation and failure to achieve complete uniformity.

3-2. F.E.—That consideration by Federal Council be given to combining the Uniform Divisional Constitution with the Federal Constitution as one document to be known as the Federal Constitution of the Wireless Institute of Australia in accordance with Item 1a of the 1942 Federal Convention.

3-3. VK5—That the Federal Constitution be altered so that the voting members are Divisional representatives only.

Comment: It is wrong in principle that the machinery by which the wishes of the Divisions are carried out has an effective say in its own destiny.

3-4. VK6—That the Federal Constitution be discussed during the attendance of F.E. personnel at Conventions.

Comment: There are three different sections dealing with this and they all conflict. Surely if one delegate is sufficient to represent a whole Division, one delegate is more than ample to represent the Executive of five. Other members should be on the same basis as observers if they attend.

3-5. VK5—That the Federal Executive be incorporated into the Federal Council as follows:-

(1) The office of the President of the Federal Council shall be the W.I.A. President. Australia shall rotate annually among the Divisions and shall be known as the Federal President of the W.I.A.

(2) An Executive Vice-President, Secretary and Treasurer shall be appointed annually by the Federal Council and shall carry out the direction of the Federal Council.

(3) The Federal Vice-President may, with the approval of the Federal President, co-opt up to two ex-officio members for any specific purpose deemed necessary.

3-6. VK2—That the Federal Constitution be amended to provide that the Federal President be President of the Institute and Chairman of the Federal Council, but not a member of Federal Executive, and that Federal Council elect at each Convention a Vice-President from the Federal Councillors of the Divisions, and that the composition of Federal Executive be examined to decide whether additions should be made to its number in place of the Federal President and Vice-President.

Comment: In order that the Federal Council shall function as an impartial body, it is desired that the persons who should not overlap with the Executive it directs. To date there has been a tendency for the President and Vice-President to be filled from the Divisions, the decentralisation of offices and the wider Divisional representation would throw more stress on the Australian-wide nature of the Council. The intention is to see the Federal Executive as a completely independent body for the good of the Institute as a whole without the distraction of Executive responsibilities.

AN APOLOGY

Owing to the publication of Agenda Items for the Federal Convention and the results of the VK-ZL DX Contests, technical articles have had to be cut severely, therefore Part viii. of the Television series has had to be deferred for one month.

A number of letters have been received by the author of the articles, and we are printing, as space permits, some of the questions and answers which he feels are of general interest to readers.

All other questions are answered directly by mail to the person concerned—Technical Editor.

3-7. VK5—That the following extract from Federal Executive's letter to VK5, dated 1/11/51, re Federal Councillor be discussed:-

Extract: "The activity of the Federal Council is now so great that it is felt the Divisional Constitution except that he be appointed by the Division and becomes an ex-officio member of Council. He is not a Divisional Officer; he is a Federal Officer and his activities are governed by the Federal Constitution. His appointment by the Division under Clause 23 is perfectly valid in the same way as any other appointment the Division may make. There is nothing else any Division can do about a Federal Councillor other than appoint him, because he is not a Divisional Officer in actual fact."

CONTESTS, CHAMPIONSHIPS AND AWARDS

4-1. F.E.—That this Convention consider means of ensuring a greater degree of permanence of rules governing all contests.

Comment: Whilst contests are a very important feature of Amateur activities, Federal Council should consider the many man-hours wasted on the preparation of rules and amendment of rules—man-hours that could well be spent in activating other interests in the hobby of Amateur Radio.

4-2. VK5—That a discussion on the future of the National Field Days take place to ascertain from all Divisions whether they wish them to be continued or not.

4-3. VK4—That portable stations operating in the National Field Day Contest be limited to fifteen watts maximum input because of the difficulty in obtaining petrol driven generators.

Comment: Petrol driven generators are difficult to obtain whilst with a limited input of watts to run them, power can be obtained from generator on vibrator supplies.

4-4. VK4—That in view of the increased interest in the National Field Day Contest (although not borne out by the number of entries this year), it be continued for at least another year.

4-5. F.E.—That Federal Council consider with great earnestness the necessity for expanding interest in the National Field Day Contest in view of the possible future requirements of Civil Defence.

4-6. VK5—That the Standard Log Sheets, as prepared by F.E., be altered to get rid of any ambiguity.

4-7. VK5—That the rules of the Ross Hull V.H.F. Contest be revised after discussion by the Delegates of the effects of the 1951-52 Contest.

4-8. VK5—That the Ross Hull V.H.F. Contest be extended to include all v.h.f. bands.

4-9. VK7—That the Ross Hull Memorial Contest rules be amended to allow other v.h.f. bands to be included.

Comment: It is thought that in view of the increased activity on 144 Mc. and higher frequencies the contest should not be confined to one band.

4-10. VK4—That the N.S.W. Contest Committee be again co-opted by the Federal Council to function as the Federal Contest Committee during 1952-53.

4-11. VK4—That the Federal Contest Committee be asked to frame a fresh set of rules for the Remembrance Day Contest so that the large States of VK2 and VK3 may in future have a more reasonable chance of winning the Contest and that the multiplier be based on the number of Logs submitted to the membership of the Division and not to the licensed Amateurs in the State as it now applies.

4-12. VK5—That the Remembrance Day Contest be divided into two sections: Section "A" on the lines of the present Contest, Section "B" in the form of a V.H.F. Relay, the scores of each section to be added together to determine the overall result.

4-13. VK5—That an open award considered higher than the existing award be made for future VK-ZL Contests to be determined from the sum of the final points of a competitor's entry for both phone and c.w. sections.

Comment: This will encourage more entries to both phone and c.w. sections which is so lacking in past contests.

4-14. VK7—That in all Contests the clause concerning the operation of any one station to any contesting twenty-four hours be deleted and that contestants be permitted to work the entire thirty-six hours or any part thereof if so desire.

Comment: After all, if a contestant wants to stay up for the whole time that is his business, and up the DX bands are usually open for only part of each twenty-four hours a contestant

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should be entitled to work all such times as the bands are open during the entire period of the contest.

4-15. VK2—That a certificate be made available to amateurs to indicate that they have confirmed contacts with one or more different stations on frequencies of 50 Mc. and above.

Comment: Such certificates would help to popularise v.h.f. operation for which no similar award now exists. The requirement is not easy to meet as the award should be permanent.

4-16. F.E.—That an annual Federal award be made by the decision of Federal Council at each Annual Federal Convention to a member of the W.I.A. who will be selected from six annual Divisional award winners for outstanding work done in one or more of the following fields of Amateur activity:

(a) The design and construction of an outstanding piece of equipment;

(b) For outstanding service in the sphere of emergency communications;

(c) For contribution of the greatest service to the advancement of his Division; and that the annual Divisional award winners will be eligible only if their names can sign together with the details of his achievement are submitted with the annual agenda by his Division for the decision of Federal Council.

4-17. F.E.—That the proposed rules for the W.A.S. or equivalent award be considered by Federal Council and that upon agreement immediate and wide publicity overseas be arranged.

MEMBERSHIP

5-1. VK5—That Item 10 from the Minutes of the 1951 Convention be annulled.

Comment: Whilst we are trying to achieve uniformity of our Institute throughout Australia we are not allowing the Amateur the free choice of which Division he may become a member. The conception is decidedly inconsistent with our aims, even to the point of one member being able to associate with another whilst proposing the stemma.

Item 10 of the 1951 Convention reads as follows: "That any person eligible for membership in any grade residing in a Division can become a member of that Division only."

5-2. F.E.—That any member of the W.I.A. may be entitled to receive privileges from a Division other than the Division in which he is residing by the payment of a nominal sum as a fee to that Division for such privileges.

5-3. VK3—That to assist in publicising the Institute, each Division member in the form of a replica of the badge be printed and issued to members for a nominal fee.

5-4. VK7—That the matter of non-members of the W.I.A. wearing Institute badges be discussed with a view to devising a scheme whereby the above practice can be overcome.

Comment: Most individuals are Associate Members—who join up in the first flush of enthusiasm and then drop out, continue to wear badges. It is realised that they have paid for the badges and that therefore they own them, but it is felt that some scheme may be devised to overcome the practice.

MAGAZINE

6-1. VK4—That the pages of "Amateur Radio" be used to publish a list of the DX Certificate Awards and the corresponding awards constructed by the member societies of the I.A.R.U.

Comment: So that VK Amateurs may become familiar with the requirements of same.

6-2. VK4—That an International campaign be launched, the co-operation of overseas Amateur bodies be enlisted, and publicity be sought in publications such as "Amateur Radio," "QST," "QO," "R.A.B."—including short articles, short "pars," or slogans printed in "Italics" to endeavour to revive the enthusiasm in each station sending out QSL cards on request or at least promptly sending a QSL card on receipt of an reply to one already received.

6-3. VK5—That the Society in each Division be directed to assist in obtaining advertising material for the magazine in accordance with the duties of their office as laid down in the Federal Policy Book.

Comment: Federal Council must surely agree that at least one agent in each Division must be capable in the art of selling advertising space—or at least assist the agent Interstate in selling space—for the Magazine.

GOVERNMENT DEPARTMENTS

7-1. VK3—That Federal Executive negotiate with the appropriate authorities to procure for the W.I.A. the copy rights to publish or have published an Australian Amateur Station Call Sign Book.

Comment: In view of the present situation where "Amateur Radio" is the only publication to print amendments to the existing call sign book printed in 1948, and in view of the W.I.A. being the only body which represents the Australian Amateurs, it is appropriate that it should take steps to procure the copy rights.

7-2. F.E.—That in all initial negotiations with Government Departments on behalf of the W.I.A. the approach be made to the Administrative body concerned that the Ministerial head-

7-3. VK5—That the P.M.G. be approached with a view to obtaining a Novice and a Technical License issued as per the U.S.A.

7-4. VK3—That steps be taken to press for the 160 and 200 metre bands.

7-5. VK3—That steps be taken to press for the widening of the 40 metre band.

7-6. VK3—That the Government be pressed to take action to eliminate or suppress electrical interference to radio reception.

7-7. VK3—That the Government be approached to assist the emergency networks a special frequency outside and in close proximity to the Amateur bands, and that the authorities be approached to recruit Amateurs on days declared acute emergencies and the operators be compensated for any pecuniary loss sustained.

7-8. VK3—That the P.M.G.'s Department be approached with a view to obtaining Television licenses for Amateurs.

7-9. VK5—That the minimum age limit for the granting of the A.O.C.P. and the Amateur License be 16 years.

Comment: With the advance in educational standards we consider this step to be warranted, and ample safeguards exist.

7-10. VK5—That the Federal Council should press for an AMATEUR RADIO ACT to replace the Postmaster General's Administration of the Amateur by Statutory Rule, by pointed edit, and by bureaucracy.

Comment: By similar methods that were taken over the Broadcasting sections of the Act, the Amateur could have an act which would set out the fundamentals and reason for his being, together with Statutory Rules to suit his needs. The claim is, that while there would have to be an administrative authority, the word would be more clear cut in favour of the Amateur.

7-11. VK5—That the problem of non-Amateur stations operating in the exclusive Amateur bands be continually pursued with the utmost vigour.

Comment: More reference of this matter to the P.M.G.'s Department is not the only way the problem can be attacked. The co-operation of other Amateur organisations in other countries should be sought. For example, 700 to 750 watts exclusively Amateur in those regions: Amateurs should be encouraged to "normally" conduct all tests on the same frequency as Commercial in that part of the band, especially for local communications where the signals of the users have little effect.

7-12. VK2—That F.E. approach the P.M.G.'s Department with a request to allow music to be transmitted on the 160 Mc. higher and that if the Department refuses permission, the matter be referred to the Postmaster General.

Comment: This type of transmission will inform amateurs to obtain experience in wide-band fm. etc., which may be filed for experiment. It will help to more fully occupy the bands, and there is no danger of interference with services overseas. Only portions of the bands would be set aside for music, i.e., 53.54 Mc. to 144 Mc. Despite a reasonable, the matter is considered worth pursuing.

7-13. VK2—That F.E. request the P.M.G. to adopt the following policy for the re-issue of Amateur Call Signs:

(a) Any call sign relinquished due to death of the holder shall not be re-allocated for a minimum period of 10 years.

(b) Any call sign relinquished for any other reason shall not be re-issued except to the previous holder for a minimum period of five years.

An Amateur applying for a re-issue of a license after a period of being non-licensed shall if he so requests be issued with his previous call sign if available.

(c) An Amateur changing from one State to another shall retain his calls issued with the same letters in his call sign if these are available.

(e) The periods mentioned in (a) and (b) shall not include periods during which Amateur activity is banned.

Comment: Through some of the points mentioned are probably observed at present, there have been instances where calls of deceased Amateurs have been re-issued to the embarrassment of all concerned. Most Amateurs are well known by their call letters and these should be retained to avoid confusion and preserve continuity.

7-14. VK2—That the care of b.c.i. should not be solely the responsibility of the Amateur concerned in cases where the interference is caused by circumstances beyond his control.

Comment: There has been cases of co-operation by Listeners which would provide the cure and even the observation of interference by the Amateur impossible. Yet he is frequently the sufferer as in such cases a solution of the problem is not possible.

7-15. VK5—That the P.M.G. be approached to allow any Amateurs to record and re-play on approved equipment another Amateur transmission at the request of the Amateur concerned.

7-16. F.E.—That Federal Executive's negotiations with the Civil Defence authorities on behalf of the W.I.A. be discussed.

7-17. F.E.—That this Convention consider the minutes of the meeting of the Joint Services Communication Committee at which F.E. represented the Wireless Institute of Australia.

7-18. VK2—That F.E. prepare a case for submission to the P.M.G.'s Department defining power limits to be used with various types of Amateur transmission based on an initial limit of 250 watts in place of the present 100 watts, and in the event of the case not being accepted in a form satisfactory to the Institute, F.E. will seek the personal attention of the Postmaster General.

Comment: At the present time there are various types of Amateur transmission for which logical power limits have not been set. In asking for an increased limit of 250 watts it should be remembered that many amateurs have higher limits than our own and few smaller. The extra power is particularly valuable for v.h.f. extended ground wave communication which is now reaching great proportions throughout Australia, and will be of extreme value for Defence.

MISCELLANEOUS

8-1. VK5—That a form of token QSL card be approached by F.E. on confirmation from contest leaders and application to the P.M.G. to take the place of unobtainable QSL cards for contacts which would count in the applicant's score for DX C.C. and similar awards, and that a suitable charge should be made to defray the cost of the scheme.

8-2. VK5—That the L.A.R.U. or the A.R.R.L. be approached to amend the rules of the DX C.C. regarding the receipt of QSL cards for confirmation of contacts suggesting instead that stations located in out-lying countries forward a list direct to the A.R.R.L. giving confirmation of contacts.

Comment: In view of the increased postal charges and cost of printing cards, it is felt that some more economical means should be found for those stations in countries where there may be considerable hardship imposed upon them in forwarding large quantities of QSL cards.

8-3. F.E.—That the first draft of the "Companion Handbook" be considered.

8-4. F.E.—That the affiliation of other societies with the Wireless Institute of Australia be discussed.

Comment: There is a large field of communication activity outside of the sphere of Amateur Radio, the main division being the relation to its affiliation with the W.I.A. and the possible advantage gained therefrom in respect to increasing the Institute membership, viz., radio control, model engineering and its relation to remote control, model aerobatics, clubs and rapidly interesting themselves in radio control and other allied clubs. A discussion on this subject would at least bring up some interesting angles.

8-5. VK3—That the venue of the next Annual Federal Convention be determined.

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FIFTY MEGACYCLES AND ABOVE

Compiled by J. K. RIDGWAY, VK3CR.

NEW SOUTH WALES

The February meeting of the V.H.F. gang held at Science Institute was devoted to a lecture by Bob Winch, 2OA, on the measurement of capacity. Bob's talk was very interesting and his demonstration of a device for the measurement of capacitors from 1 uF. to 1 pF. must have stirred up a few of the chaps building a similar device.

Present at the meeting was a visitor from Gland who gave a brief talk on conditions on the 144 Mc. band in England. He also gave some details on the English zone system whereby stations in each district are grouped in one frequency zone. The main advantages of this system are prevention of QRM to distant stations by local and knowing where to look for stations. I am sure that the recent allocation of the country zone (144 to 144.1 Mc.) in VK2 has proved the excellence of this scheme and there may come a time when a system similar to this country one may be adopted here in this country.

56 Megacycle News. The 56 Mc. band has given a few DX openings to the small number of enthusiasts still keeping a watch on the band. VK2 has worked VK3, 4, 5, 6, and ZL over the last two weeks of February.

21st. Located at Callala, one of the highest points on the North Shore, Adrian is getting results which promise big things when he gets going on 144 Mc. Gear in use is 2ES with 14 watt input and portion of a circ. quad. The results are good.

144 Mc. News. This band has been somewhat quiet of late with a good many of the bands completely silent. We hope this is due to re-building activities and not lack of interest!

2GU from Canberra is once again active and being heard in Sydney, but unfortunately Arch has struck some trouble with his Tx which

caused bad frequency modulation, making the signal very difficult to copy. 2WH has his new QV07/40 final going and the result is a signal of good readable strength in Sydney.

2TC located at Monteside near Young has started out on the construction of 144 Mc. gear and plans to run a QQE06/40 in the final and a condenser film is determined to contact Sydney on 144 Mc.

2ADT has been heard frequently of late and quite a number of Sydney stations have been making the contact to Cessnock.

2RU seems to be carrying out his threat of many years standing and looks like arriving on the band within the next week or so we think! Major will be using an SSB final and a three over three or four over four beam.

52N Mc. News. There has been mild activity on this band, a new station being 2ANK who is the furthest south and classed as near "DX". 2RJ is using Eric Cronan's telephone outfit which has been used by many who travelled out in use. 2ABZ has his ASBS Rx going and whilst he has not yet been able to hear 2WJ has heard 2AJZ on ST. Bill has the aerial cranes out to have quite a collection of arrays for 576 Mc. Up to date 2WJ has 16 elements seem to be working out best. 2HJ is still using a single RL18 in a small co-axial line oscillator which once did service as a test oscillator and most of the other young boys on the band. Otherwise on 576 Mc. includes 2QW, 2WZ, 2DF and 2VW. Still having trouble digging out news of what is happening on 576 Mc.—VK2ANF.

VICTORIA

Dates to remember—6th April: V.h.f. Field Day No. 6; 16th April: V.h.f. Group Meeting. The February meeting of the Group was well attended and the time was spent discussing

DX NOTES BY VK4QL*

The band survey shows as follows, stations worked*, and times in G.M.T. or Z time:—

3.5 Mc.: At this QTH it was the band heard watching. Most W. call districts were heard. KH6QKX had been heard occasionally. Volumes VK and ZL signs were heard some nights, and it is a long time since that happened. TRK had trouble with QRN early in the piece, and indications are that this band will be "out" for the time being. Contests have been heard on the same wavelength. Without listing the Ws heard, others were PFK4DA, KH6QY/KCB*, KV4AA*, PA0ZR, DL9DS, OK2FL, OKIAK, and two ZD4AB. They are up there but could not hear him. Interestingly enough, we've had a commercial QRN, have a listen on this band at 2000Z.

7 Mc.: Up here this band did not come up to expectations but 3CP found it a little better. Some good ones were heard but got away. Radio Pakistan is still taking a good bite out of the band and 2010Z is the best time to be patched with high noise level and heard nothing much out of the ordinary, except ZX2HMZ, which has us tricked at present. Ray also lists the usual European stations we hear plus PK4KD and ZACM. There are a few others. A few ZLs are up there but could not hear him. Interestingly enough, we've had a commercial QRN, have a listen on this band at 2000Z.

14 Mc.: Up here this band did not come up to expectations but 3CP found it a little better. Some good ones were heard but got away. Radio Pakistan is still taking a good bite out of the band and 2010Z is the best time to be patched with high noise level and heard nothing much out of the ordinary, except ZX2HMZ, which has us tricked at present. Ray also lists the usual European stations we hear plus PK4KD and ZACM. There are a few others. A few ZLs are up there but could not hear him. Interestingly enough, we've had a commercial QRN, have a listen on this band at 2000Z.

14 Mc.: This band has been erratic everywhere, and you just had to be around at the right time. If you were, all was well. 2DQ found he could work Europeans at times when he could hear no other VK being called by 2DQ. Not quite sure if this was a commercial or interest and the one he did hear could not raise. Gordon lists KV4AQ*, QOCQP*, KX6AO*, 4X4, AP4N, 4U4J, VQ4 and JA0LJ. 4DE, after being QRT for a long time, has found Townsville a much better QSO for DX than Ipswich. Europeans were almost non-existent there, but plenty now. Jack is just finding his feet on

the band but to date has no complaints. Wait till you hear the bands really turn it on OM. 3CA is also somewhat inactive this month and 4S1 has had no reports. 2WJ has been heard but managed to snare VP2MDD and MP4KAE. Alan said 3XO landed LU4ZI on Deception Is. TRK found the same story of poor conditions applied in the "Apple" Is. Two new Europeans in the area are being the man DX. RHL lists ZS1H at 0700Z, J2EE*, AP4A, 1M51HCIP, PY6DU, OA4EK, C3MC, LU4DBN-VP1NZ, 2130Z, 9XK has the same complaint re the bands, but one notable change is the appearance of the 10m band which has been won on the lower freqs, found JA0LJ (Iwo Jima), MP4BED*, CT1AE, EA0AB, EA8EDE, FN8AD, P21WZ, SB3AA* (Balkans), MP4KAF (Kuwait), 3X0Z, 2M0LBB, VP2MD, ZSTF, STWIL. As you see, most of the DX heard.

23 Mc.: Very little news of this band, and my own listening produced only Pacific stations. TRK found the band useless, as also did 9XK. The world was 2ZB0L to give him a new one. No new from 2DQ, 4BQ, SHI and 5JE. This month to help me out.

The "gen" section this month has little of interest. Another station is expected to be operating in Reunion Island shortly. FRI2 is now with FR1ZA, SGL, QSL, QTH and JA0LJ (Iwo Jima) is R. W. Cook 1053, Alcatraz, Oakland, and MP4BED is Box 631, Avail-Bahrain. The OV which JCX thought he had worked turned out to be YI1A in Tonga. VR1A is now on the air again after a break in VRK3. For those who are interested in QSLs without their full QTH shown, XU6F and V1BZL have been allowed for my DX C.C. but far from PDX, ETWZ and SU1AD; KV4AA said the ET QSLs had been allowed by the A.R.R.L. for their DX C.C.

QSLs of note are not many. 2OW had them from DUGT and OASA, increasing his total to 6. 2WZ has had 2DQ, 2VW, 2DF, 2VZ, 2MDS/P, PJ1UF, FR1ZA, CT3AN and JV1AJ 4CC very pleased with one from SA2AN, who was HICFG. TRK, after sorting out the odds and ends, found he had OE1ZZZ and CS3MF left. 2WZ has KGA2M, VQ3CW 7 and 14 Mc., PJ1UF, ZC4OR, QOS2A.

* The thought for the month is a repetition of a previous one. "If you intend to enter a contest, make sure of the rules first!" A VK2 member of the group was using in the A.R.R.L. over 300 watts. Even if you were 0W, don't advertise it.

Cheers till next month and please let me have your doings, and once again—what about a VK6???

several important matters, amongst which were the Field Days and the 576 Mc. Contest award. On 9th March more portable stations were out and activity was much greater. Added interest was the arrival of the first portable signals from TEPF and ILZ, both at Launceston, who were worked by JGM/3ZL at Mt. Bunninnyong, while 3AKE and 3XA also worked TEPF. The VK2 State relay was to be cancelled at the last minute, but 2AJ, who was to operate portable from Table Cape on the North Coast, was transferred to Devonport and could not get his gear ready in time. However, it is hoped that this relay will now take place on the April Field Day. ILZ and TEPF went to Hobart to Mt. Wellington and 2AJ and TDH were operating portable in the Midlands but no reports of contacts are to hand.

Other portable stations were 3AHC (Mt. Taronga), 3ACH (Mt. Macedon), 3ZD (Strellecki Ranges), 3U1 (Mt. Major), 3FO (near Mt. St. Leonards), 3JO (Mt. Donna Buang), and 3ADU (Mt. Geilston Bay), while 2PN was at its portable location near Ballarat. 2U1 and 3JO worked several times during the day with good signals at both ends, however 3U1 was bemoaning the lack of contacts with Melbourne stations. Many stations on the air during the day but none appeared to have an interest in getting in touch with him and it is not surprising that Alan should feel that his efforts were cold-shouldered by the Melbourne stations. In addition, 3U1 worked 3AK, 3AHC and 3JO who was in total control for the final. At the time of writing no information is to hand as to the portable stations and their locations on the 10th Field Day but as this will be the last of the present series, many stations are expected to be active.

Don't forget the Field Days Contest as this will conclude with the next Field Day. Logs covering the Field Days will be sent to reach the Secretary of the Group not later than 30th April, 1962. The winners will be announced and prizes awarded at the May meeting of the Group. Please send your logs in early.

SOUTH AUSTRALIA

Activity is still increasing on the higher frequencies and many stations can be heard working nightly. 5FM is a new one on 144 Mc. Glad to hear you down there Peter. 5M8 is back on the air again. SGL/SQR are heard mostly cross-band or otherwise. 5M9 has a good signal. 5JO has been active on 50 Mc.

SWL already heard on from the Royal Adelaide Exhibition SBC/SMX heard in QSO on 144 Mc. 5W1 is working along in spite of cold signals. SAX still gets through to the 50 Mc. 5KL has worked the town lads also.

SG1 has been carrying out polarisation tests on 558 and 5M8 and testing the QRM caused by man oscillators or that have controlled rx/rx use horizontal antennae, the mod. osc. super regen rx's use vertical, all QRM is caused to each other. Clem requests tests be tried on Interstate and see if it works out also. What about a QTR?

SGR has received his Ross Hull Contest Certificate and very pleased with it. Has to sight the trophy yet. 5MK believed dismantling gear prior to shipping a QTR.

SHD should have a handy lead in the local contest, having several contacts with SBC.

WESTERN AUSTRALIA

Conditions on 6 and 2 m in W.A. during January and February (the latest periods possible of reporting in this issue) are reviewed by EBO in a letter to Divisional sub-editor SWZ.

The 50 Mc. band was opened on several occasions. 2VZ, 2WZ, 2DF, 2VW, 2VZ, etc. but none heard. EBO made a trip to Perth but did not hear on the air since returning to Narrogin. GBS is back on the band and has worked through to VK5 and also to Perth from his home in Albany. 2WZ is still under way as to whether Baslin's signal is in or out. Another recent 6 m visitor to Perth was 6G15 who got around to most of the v.h.f. shacks.

Don of Bruce Rock is coming into Perth on 6. Merton has had some success with 6DQ who has returned to work and is unable to make the usual noise. 6HK is another who spends a good deal of time on the band now.

14 Mc.: Not much to report here but stations heard were 2DQ, 2VW, 2DF, 2VZ, 2M6W, 6GB, 6GB and 6OR. The biggest news of late was the 2 m break-through to VK5 on February 9 when EBO worked SGL and SQ8 on phone. The opening lasted for well over half an hour.

28 Mc.: SHK has been heard on this band by EBO. 6GB has a c.c. rig (SCR522 with 5Z3 tripling) and a square-corner antenna. Jack puts a good signal to SHK and vice versa. EBO 6DQ. Best effort to date was EBO's "keeping backwards" technique which is a new method of obtaining m.c.w. EBO is another using an 833, this time as a p.a. driven by his crystal exciter. Puts quite a decent signal across to SHK.

Jubilee VK-ZL DX Contest 1951 Results

Here are the results of the 1951 Jubilee VK-ZL DX Contest sponsored by the Commonwealth of Australia and organized in association with the New Zealand Association of Radio Transmitters. The Contest was very well supported, approximately 500 Logs being received—335 m.w., 180 phone and 65 receiving. This return number is slightly less than in previous years due to the fact that the Contest clashed with a Simulated Emergency Test in the U.S.A., thus reducing the entry from one of the main supporters of the VK-ZL Contest. Again in the conditions were very poor, particularly during the first week-end when the whole of the East Coast of Australia was in the throes of an electrical disturbance making conditions very bad.

Some adverse comment has been received by the Contest Committee regarding the right to select a twenty-four hour operating period. Quite a number of competitors were of the opinion that each contestant should be on for the same period, so that the contest should be of 24 hours duration from, say, 10 o'clock Saturday until 10 p.m. Sunday night, thus making conditions equal for everyone. Again, a number of stations commented operating either 24 hours or 12 hours. We were unable to check logs for the additional time, thus defeating one of the objects of the selected period, namely the reduction of QRM. Again confusion was caused as some stations hearing others going did not think that there was any time limit.

VK2DG will receive a Trophy as winners in their respective countries.

The Open DX Section was won by VK4KS with 15,456 points and in New Zealand ZL1HY was successful with 9,447 points. VK2AHA put up a fine all-round performance in running second in Australia for both the Open C.W. and Open Phone.

VK5DG is a description of VK2DG and VK4KS stations.

VK5DG has five transmitters, all similar and using 5V6 e.c.o. 897 buffer and p.p. 897s p.a. with 80-90 watts on 3.5, 7, 14, 28, and 50 Mc. Transmitter frequency is selected from oscillator by key switches and selected relay. Modulated (when used) is p.p. 897s with the usual speech amplifier and xtal mike. Receiver: 18 tube double conversion super with band switching, a 2000-ohm input and indicator of the well known "Select-o-tube". A novel type of i.f. stage which he has designated the "QX" (details of which appeared in last month's issue of this journal). Antennae: (1) (2) and (3) Double Section 14 Mc. W-LJK's, arranged to give 360 degrees coverage; (4) 14 Mc. 600 ohm 28 Mc. folded dipoles; (5) 13 feet Zeep used on 7 and 3.5 Mc. Antenna is selected by key switches and relays from operating position.

G.M.T. The key also is home made. Two small doors, lower left and right enable entry to the back of the equipment. These doors are kept locked.

B.E.R.S.-193 won the Receiving Section with a fine score of 14,070 points, which was a very fine effort.

Awards are now being finalized and those countries who have Societies should receive same in due course although some little time may elapse. The Federal Contest Committee used the powers conferred on it under Section 10 of the Rules in a very liberal manner.

The Commonwealth would like to thank all those Overseas Societies who helped with publicity in making known Australia's Jubilee and the Contest. All contestants are thanked for their participation, whether the log was large or only numbered a few contacts, and the number of participants that makes the Contest.

C.W. OPEN

AUSTRALIA

VK2DG	22464	VK2RA	7198	VKT LZL	1768
VK2AHA	16800	VKT 3DQ	7112	VK3HT	1056
VK2ZC	13090	VKT 3BZ	7018	VKS KU	968
VK6RU	11123	VKT 2SD	6710	VKT 2V	233
VK2ED	10690	VKT 2P	6300	VKT 2H	200
VK5BO	10650	VKT 3GU	4905	VKA3BA	153
VK3PH	8316	VKT 2DI	4506	VKT 2YL	150
VK4KS	7830	VKT 3BD	3348	VKE5LJ	130
VKT KHZ	7749	VKT 2AM	2304	VKT 3HEH	128

Check Logs: VK2AOG, VK3ANJ, VK4XJ, and VK5BY.

NEW ZEALAND

ZL1MB	25575	ZL1MQ	9916	ZL2QG	2368
ZL3OA	24346	ZL1ADS	5952	ZL1JV	2080
ZL1HY	11896	ZL1FZ	5895	ZL2GG	460
		ZL3J	3871		

NORTH AMERICA

United States of America

W1ASU	14	W4PHJ	65	W6GBE	34
W2WZ	2673	W4IZR	18	W7PFG	3375
W2C	25	W4C	765	W7PJM	2680
W2ADP	24	W4PFA	765	W7PQM	216
W2LWI	23	W5WAT	192	W7PQE	117
W2ZQW	1	W5KWT	78	W7ED	32
W2NLY	1	W6MVQ	5332	W8JIN	660
W2BOT	1	W7VTO	1489	W8PFG	609
W2X	864	W7PFG	970	W8DAE	570
W3JVS	669	W8CIS	544	W8ZBC	50
W3PDX	499	WEALQ	387	W8AEE	540
W3LXE	72	W6WJX	360	W8AII	182
W4GZS	21	W7VTR	288	W8EEE	308
W4BGO	8	W6GQW	270	W8PFP	48
W4DCE	152	W6WDW	91	W8CTR	16

Check Logs: VK2AOG, VK3ANJ, VK4XJ, and VK5BY.

MEXICO

XEP1P

Puerto Rico	K4KD	170
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Virgin Isl.

KV4AA

Europe	1008
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Check Logs: VE3XY, VE3YV, VE3YV.

Mexico

XEP1P

Honduras	HRIAT	84
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Puerto Rico

K4KD

British Honduras	VP1AA	63
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Virgin Isl.

KV4AA

Iceland	90
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Check Logs: VE3YV.

Czechoslovakia

OK1R

Poland	OK1RDV	35
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Poland

OK2UD

Spain	OK1KX	1
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Czechoslovakia

OK1SPJ

Portugal	SP1J	870
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Spain

SP1J

Finland	CT1JS	90
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Check Logs: VE3YV.

Finland

CT1JS

Germany	DL1DX	2205
---------	-------	------

Check Logs: VE3YV.

Germany

DL1DX

Norway	ZC4DT	4
--------	-------	---

Check Logs: VE3YV.

Norway

ZC4DT

Sweden	LAEH	180
--------	------	-----

Check Logs: VE3YV.

Sweden

LAEH

Finland	SAR	196
---------	-----	-----

Check Logs: VE3YV.

Finland

SAR

Spain	EA4CN	310
-------	-------	-----

Check Logs: VE3YV.

Spain

EA4CN

Spain	EA4CF	96
-------	-------	----

Check Logs: VE3YV.

Spain

EA4CF

Spain	EA4GF	96
-------	-------	----

Check Logs: VE3YV.

Spain

EA4GF

Spain	EA4JCF	4
-------	--------	---

Check Logs: VE3YV.

Spain

EA4JCF

Spain	EA4PAK	4
-------	--------	---

Check Logs: VE3YV.

Spain

EA4PAK

Spain	EA4S	78
-------	------	----

Check Logs: VE3YV.

Spain

EA4S

Spain	F9XB	20
-------	------	----

Check Logs: VE3YV.

Spain

F9XB

Spain	F9WD	120
-------	------	-----

Check Logs: VE3YV.

Spain

F9WD

Spain	F7AT	78
-------	------	----

Check Logs: VE3YV.

Spain

F7AT

Spain	F9X	78
-------	-----	----

Check Logs: VE3YV.

AFRICA		Mauritius		Canada		Costa Rica		Cuba		OCEANIA		
Algeria	312	Union of S.A.	VQ8AF	8	VETAIH	234	TIZOE	248	CO2MG	3	Hawaii	
		ZSSU	72	VEWZ	42	VEWZ	42	CO6OK	2	VR2CG	3224	
		Check Log:							VR2EB	660	KHSADY	
		ZS2XK							Tahiti	224	KHSADY	
Fiji	7094	OCEANIA	New Caledon.	PV4KL	12	Brasil	Chile	CE1AJ	168	PO6AB	224	
		Hawaii	W0DEA/	PY1ANU	4	England	EUROPE					
KHSIJ	2574	KG6	FK5AL	910	GZPZ	12	Madeira Is.	Switzerland				
Brasil	405	SOUTH AMERICA	Falkland Is.	VY5AE	VY5AE	GZAL	CT3AE	HIBELA	979	Hong Kong	Malaya	
			Venezuela	729	GZEG	322	Denmark	VS8DA	979			
Formosa	C3MY	Israel	Malaya	GZGN	322	OE2TJ	4	VS8DB	963	JASDEB	W0DEA/	
				GZDV	44	DL3IB	110	VS8EF	224	JASDEB	KG6	
								VS8EP	610	JASDEB	1177	
								VS8F	196	JAZAG	1100	
								VS8G	520	JASCO	520	
								VS8H	66	JAZOO	4	

C.W. 3.5 Mc. BAND

VK3KS 1 ZLACD 1

C.W. 7 Mc. BAND

AUSTRALIA

VK5JE	1000	VKFHF	725	VK3AHA	228
VK5GD	925	VK3DI	429	VK3XB	198
VK5GW	846	VK1DQ	322	VK3FA	49
		VK2ZC	268		

NEW ZEALAND

ZL3LL	1785	ZL1EM	1200	ZL1MQ	559
ZL3OX	1480	ZL1MB	932	ZL1JA	264
ZL3ACV	1386	ZL1PN	864	ZL1JB	9

C.W. 14 Mc. BAND

AUSTRALIA

VK5HKX	10015	VKFHF	422	VK3AB	330
VK5BO	8550	VK3AWW	1782	VK3JT	200
VK2DG	9348	VK3PL	1764	VK3PV	163
VK4DA	9095	VK2MT	1628	VK3EH	154
VK3AHA	7245	VK3JJ	1563	VK3ABE	139
VK3AR	5910	VK3PA	1564	VK3ABD	108
VK2DA	5600	VK3SWW	1276	VK3ACI	79
VK4EL	5335	VK1KL	1150	VK3VVW	63
VK2VC	5560	VK3OW	945	VK3BSB	54
VK5FH	5282	VK3JACW	874	VK3BZ	49
VK3NM	5184	VK3JACW	874	VK3BZ	49
VK3NM	5184	VKTRK	540	VK3ASE	42
VKGRU	4633	VK3AHM	476	VK4RH	42
VK4KS	4280	VK3CN	468	VK3RM	42
VK3AZW	3876	VK3RN	435	VK3XJD	30
VK3AR	3845	VK3AJ	435	VK3XW	24
VK2OY	3845	VK3RJ	384	VK3AEP	15
VK5RH	2997	VK3JT	375	VK3SLU	15
VK2AM	1986	VK3HW	357	VK3RE	15

NEW ZEALAND

ZL1ML	1050	ZL2ACK	1456	ZL2ACV	748
ZL3OA	8450	ZL1RD	1107	ZL1NX	729
ZL1AW	8216	ZL1JA	920	ZL1QW	489
ZL1AW	8216	ZL1DQ	920	ZL1QW	374
ZL2GS	2923	ZL1FE	864	ZL3CP	388
ZL1MQ	2450	ZL2DX	840	ZL2GX	224
ZL2MN	1728	ZL2AFZ	861	ZL1MT	77

C.W. 27 Mc. BAND

AUSTRALIA

VK2RA	25	VK3AHA	9	VK2ZC	1

C.W. 28 Mc. BAND

AUSTRALIA

VK6RU	966	VK2DG	462	VK3RA	300
VK3AHA	615	VK2ZC	364	VK4DO	40
VK4KS	5433	VK5FH	6		

NEW ZEALAND

ZL1HY	810	ZL1MB	630	ZL1JA	238
		ZL1MQ	630		

PHONE OPEN

AUSTRALIA

VK4KS	15486	VK2AMR	326	VK4KW	1155
VK2AAH	9600	VK1AJ	2754	VK4DO	779
VK3IG	6380	VK3ATN	2448	VK4XJ	4/6
VK3IG	5490	VK3DZ	1748	VK3AB	170
VK2DG	4512	VK3DR	1274	VK3SAZ	151
VK4CB	3570	VK3LC	1248	VK1YL	123
		VK3LC	1248	VK1BA	2
				ZL1MQ	2627

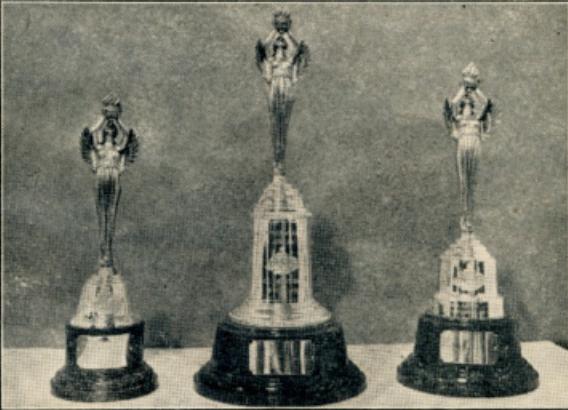
ZL1HY 9447 ZL1MQ 3616 ZL1PV 96 ZL3OA 2205

Check Log: ZL1MT, ZL1QW, ZL2ADS.

ZL2AI, ZL2LB

NORTH AMERICA

United States of America	W2WZ	W5QIX	25	W6LYG	1	
	W3LZE	12	W6ID	2128	W7UPM	101
	W6ZL	62	W6ID	145	W7AUX	318
	W5XJ	136	W6ZL	145	W7AUX	318
	W5KC	80	W6WJX	162	W7HAD	135
	W5LEF	36	W6SQP	30	W8JIN	704



Centre Trophy: VK2DG and ZL1MB, winners Open C.W. DX Contest; Right Trophy: VK4KS and ZL1HY, winners Open Phone DX Contest; Left Trophy: VK3IA, winners Jubilee Relay

14 Mc. PHONE

AUSTRALIA

VK3LN	7696	VK2AHM	710	VK4LM	162
VK3LN	7696	VK3DIP	535	VK4LW	162
VK3LN	7696	VK5CE	576	VK3NG	149
VK3EE	4608	VK3DQ	405	VK2SJ	120
VK3EE	4608	VK3WP	392	VK3HL	104

NEW ZEALAND

VK3AUT	2604	VK6RUR	312	VK2AY	77
VK3AUT	2604	VK5MS	2178	VK3ADW	308
VK3AUT	2604	VK2AU	2105	VK2AU	252
VK3AUT	2604	VK3DO	1430	VK3DAL	308
VK3AUT	2604	VK3JACT	1232	VK3DWG	276

NEW ZEALAND

VK4KS	2670	VK4EL	595	VK3FP	125
VK4KS	2670	VK4EL	595	VK3ISG	124
VK4KS	2670	VK4EL	595	VK3ES	64
VK4KS	2670	VK4DO	162	VK5LC	24
VK4KS	2670	VK4DO	162	VK5LC	24

NEW ZEALAND

VK3LE	2775	ZL1QI	465	ZL2QI	330
ZL1AH	2214	ZL1AH	351	ZL4GC	94
ZL1HY	855	ZL1HY	855	ZL2HG	21
ZL1HY	855	ZL1HY	855	ZL2HG	21

NEW ZEALAND

ZL1LE	2775	ZL1QI	465	ZL2QI	330
ZL1AH	2214	ZL1AH	351	ZL4GC	94
ZL1HY	855	ZL1HY	855	ZL2HG	21
ZL1HY	855	ZL1HY	855	ZL2HG	21

NEW ZEALAND

ZL1LE	2775	ZL1QI	465	ZL2QI	330
ZL1AH	2214	ZL1AH	351	ZL4GC	94
ZL1HY	855	ZL1HY	855	ZL2HG	21
ZL1HY	855	ZL1HY	855	ZL2HG	21

NEW ZEALAND

ZL1LE	2775	ZL1QI	465	ZL2QI	330
ZL1AH	2214	ZL1AH	351	ZL4GC	94
ZL1HY	855	ZL1HY	855	ZL2HG	21
ZL1HY	855	ZL1HY	855	ZL2HG	21

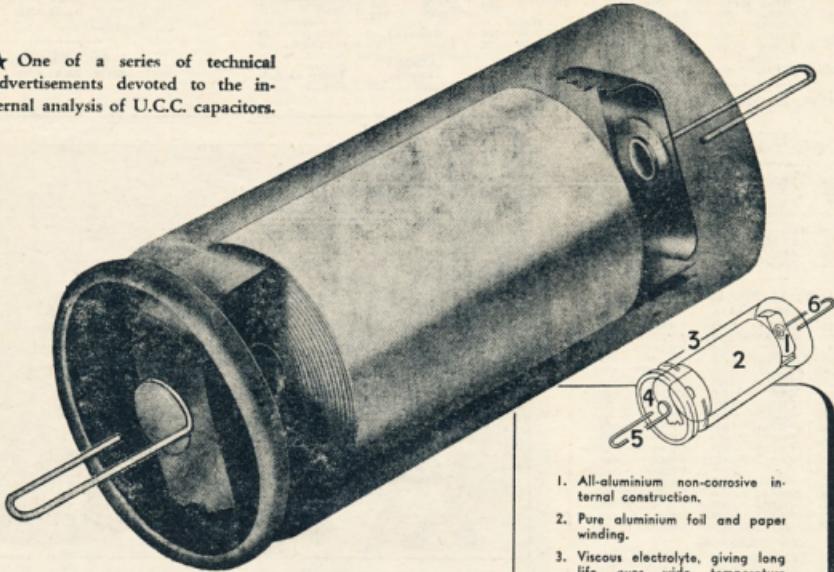
28 Mc. PHONE

AUSTRALIA

VK4EL	595	VK3FP	125	ZL1QI	330
VK4EL	595	VK3ISG	124	ZL1QI	330
VK4EL	595	VK3ES	64	ZL1QI	330
VK4EL	595	VK4DO	162	ZL1QI	330
VK4EL	595	VK4DO	162	ZL1QI	330

Capacitor leadership -from the inside!

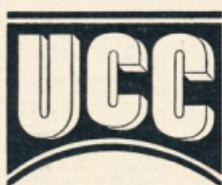
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6. Separate negative tag: no "open-circuits" due to chafed foil in case spinning.



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FEDERAL, QSL, and



DIVISIONAL NOTES

FEDERAL

2nd ANNUAL FEDERAL CONVENTION

Not long after this issue of "Amateur Radio" appears on the bookstands, it reaches financial members of the W.I.A., the 2nd Annual Federal Convention of the Wireless Institute of Australia will be in session.

Upon the decision of Federal Council at the 1951 Annual General Convention, this year's Convention is sitting in Sydney. Delegates will arrive there on the 10th April from all States of the Commonwealth to deliberate on the contexts of the largest agenda ever before tabled at a W.I.A. Federal Convention—i.e. all 72 items exclusive of general business items.

The Convention will open at 1 p.m. on Friday, 11th April, and continue through until some time in afternoon of Monday, 14th April.

The following officers of the W.I.A. will be present:

- Mr. G. Glover, 3AG, Fed. President.
- Mr. G. Weynton, 3XU, Fed. Vice-President.
- Mr. G. M. Hull, 3ZS, Fed. Secretary.
- Mr. G. Manning, 3XJ, Fed. Treasurer.
- Mr. W. J. Glanow, 3WY, Fed. Publicity Officer.
- Mr. V. Williams, 3XK, Fed. Vice-Pres.
- Mr. J. Moyles, 2JU, N.S.W. observer.
- Mr. C. White, 3AUP, Vic. delegate.
- Mr. L. Jackson, Vic. observer.
- Mr. A. R. Moore, 4PZ, SA delegate.
- Mr. W. H. Bullen, 3SK, SA delegate.
- Mr. J. Coulter, 3VX, SA observer.
- Mr. R. W. Hugo, 6KW, WA. delegate.
- Mr. R. D. O'May, 7OM, Tas. delegate.

Elsewhere in this issue will be seen the details for the Convention. Your members-delegates and observers will be in Divisional meetings one—going to sit at the Convention table right over the Easter holiday period and decide matters of considerable importance to you, the members, and the future of Amateur Radio in Australia and the Wireless Institute of Australia. If you are interested—and all members should be—you are cordially invited to attend the Convention and listen-in on the proceedings, with the exception of Friday, 11th April, and Sunday, 13th April. Convention sessions will commence at 9 a.m., and 1 p.m. on the above two days. It will be held on the premises of Associated Newspapers Ltd., 60 Elizabeth St., Sydney, N.S.W.

FEDERAL QSL BUREAU

RAY JONES, VK5RJ, MANAGER

Although Felix FK4AC left Noumea by ship on March 8 for his furlough in France, the old QSL Bureau address, Box 104, Noumea, still holds good for the time being. Cards FK4AE will take care of cards addressed to him.

The R.C.A. (Italy) with QTH Box 172, Ravenna, Italy, announces a new award—the W.A.P.L. (Worked All Italian Provinces). The R.C.A. has recently formed a body apparently in opposition to the I.A.P.—see below—in the pattern which we have seen in many other European countries during the past 10 years and it is hoped that this division does not indicate political and civil differences.

The R.C.A. of the Province of CALABRIA, Italy, has presented me with a new problem. He has sent a multiple card confirming 14 Mac. phone contacts with VK3DB at 2101 95 86/7; VK4CC 2117 91 86/7; and VK4KA 2135 95 88. All on 19 November, 1951. To whom do I send this card?

Rob VK5RSG expects to be leaving for Macquarie Island in April. His call sign there is not yet known. Rob expected to visit Melbourne during his stay, so he has a few loose ends prior to his departure for Macquarie Island.

A claimant for W.A.C.O. has submitted a QSL from VK1VU as his African confirmation. This is interesting as it is the first card from VK1VU sighted in this Bureau, and proves that they do actually exist. The A.C. applicant offered to fill out and despatch all cards on behalf of VK1VU if the latter would hand him his log book. The generous offer is alleged to have brought forth the reply that "they can all go and jump in the lake, both them" or more forceful and unprintable words to that effect.

Frank Clark, VK5PC, expects to visit Melbourne on vacation during the middle of April. Trevor Boyd, ex-VK1RKH, whose QTH is now P.O. Stratford, via Cairns, Qld., expects to be heard under a VK4 call sign shortly. Trev.

The Divisional information usually published here will in future appear in the March, June, September and December issues only.

cleaned up his backlog of VK1 QSLs but unfortunately a considerable number of cards is owed to him, by VK stations, particularly Trev forwards a list of the outstanding VK3s through B.E.R.S.195. The list is so large that it indicates you must be held up somewhere along the line. If Divisional QSL Managers particularly VK5s, are holding any cards for Trev, please forward them to the above QTH.

The accuracy of a listing in January "A.R." is to the effect that New Amsterdam Isd. (FB2Z) is in Zone 39, as dispensed by a correspondent who states that the FB2Z was held when the position of the island as Long. 77°E. Correspondent claims that Zone 29 joins Zone 39 at Long. 89°E, and cites the N.Z.A.R.T. list as showing the island as in Zone 39 which he claims is correct. Could the DX C.C. Manager publish a ruling on this point?

Another correspondent wants to know how the Newcastle Hams won the "Jubilee DX Contest" and already have their cups as awarded in March "A.R." seeing that no results have been published or other section winners informed.

Writer expected that notes for this column would be brief or entirely non-existent this month (March) due to his absence on vacation. However, due to a number of reasons including the need for chaperone treatment to "offset the onset of immaturity" usually associated with advancing age, made it impossible to leave Melbourne. So the "gold in them thar hills" stays put for at least a further twelve months.

HER MAJESTY'S REPLY

The following reply was received from Her Majesty, Queen Elizabeth II, in answer to a message of sympathy from the members of the Wireless Institute of Australia on the recent passing of her Father, King George VI.—

Clarence House,
St. James.

The Private Secretary is commanded by the Queen to thank the Wireless Institute of Australia for their kind message of sympathy, which Her Majesty much appreciates.

18th February, 1952.

Managing a QSL Bureau has not many advantages, but disadvantages aplenty, one of which is the handling of cards from DX stations worked by the Manager but who misses out on the QSL Bureau. There have been many occasions even with stations that QSL 100% such as YI3BZL, FO8AC, HS1VR, etc., etc.

A panel on page 16 of March "A.R." relative to the forthcoming E.W. contest in 1952 indicates that further info on "A.R." will be obtainable from the Divisional Secretary or the Federal QSL Manager. Up to the moment of writing (March 8) neither the VK3 Divisional Secretary, Federal Secretary, or the Federal QSL Manager has been able to furnish a copy of the rules. This will explain to applicants why so far I have been unable to fulfil their requests.

NEW SOUTH WALES

The February meeting of the N.S.W. Division was held at Science House, Gloucester Street, Sydney, on Friday 22nd, with President Mr. John Moyles in the chair. Sixty members attended the meeting which was opened at 7 p.m. The preliminary business was quickly disposed of and a very interesting lecture on "Minature Portable Equipment" was given by Mr. Bob Zuker with a demonstration in which he was was able to make a radio in his pocket.

He dealt first with the subject in general. The merits of different frequency bands, frequency modulation or amplitude modulation,

antennae, etc., and then described in more detail several commercial models with emphasis on the special merits and purposes of each. He had two of the sets with him and oh boy, did our enthusiasm mount! Then was the perfect example of how to build a two-tube, two-f.m. transmitter-receiver on a chassis about ten inches long and four inches wide without any suspicion of crowd anywhere. Building was sub-miniature of course. There are probably a good many Hams who would be capable of putting together a job like that, not me though!

Mr. Israeli and some of the boys took one of the sets back-and-about around the streets among the tall trees—driven by the wind, the other was operated in the hall and only once or a few seconds did the strength drop below maximum. Mr. Zuker acted as "Auntie" for questions, and the boys fired them at him point blank. He had all the answers though, and then some. A vote of thanks was moved by Angus Robertson and passed by acclamation.

The meeting was then opened for general business and the President called on members willing to do their bit for the W.I.A. to come forward and nominate for Council—especially in view of the agenda item to be discussed at the coming Federal Convention suggesting that Hams be allowed to compete.

A suggestion from the chair that the P.M.G. be asked to issue two new classes of Licenses, viz. "novice," license and "technician" license, was enthusiastically received and after a lively discussion on the merits of each idea coming forward, a motion to implement the idea was passed unanimously. More will be heard of this in the hobby in this country. The matter will be discussed at the Federal Convention.

VISITORS TO URUNGUA CONVENTION PLEASE NOTE

An excellent suggestion has been received from Crieff ZXG asking all visitors to Urunga to bring with them any portable radio equipment in order to show the country visitors and others interested just how equipment is being constructed for the v.h.f. As can be imagined, this will be an excellent opportunity to assist the country lads to get going on higher frequencies, and one that will not be repeated for a long time. The lads themselves will know what is best to take by remembering that the radio's were not clear on when they started on the v.h.f.

NORTHERN SUBURBS

Many thanks to Harold 2AQZ and John 2ANF for assistance in compiling these notes. Any news of Ham activity in this or any area will be very much appreciated. Gerald 2AGZ back on 40 after a trip to England. Mac 2MLB about to leave on holiday to VK4. Bill 2WF is due to start in Urunga on the way. Bill 2WF is busy constructing a rotary W4JK for 20 m. and the Manly Gang intend giving a hand in the erection of same. ZAEN will be with photography and ZAEN will be at the show this Saturday. Steve 2SH has let us and gone to Canberra and will not return to the YL now Stan? Harold 2AQZ recently returned from a pleasant holiday in VK3 where he visited a number of Hams. Alan 2FH in action late last night and is due in about shortly when the 20 m. beam will be put into operation again. Adrian 2HE, a new Ham in Killara, is active in 6 m: may your association with Ham Radio be a very happy one Adrian.

Of course at some time in the future VK5ZB is going to the islands and has been thinking about the gear he intends taking with him on the trip, which he expects to last about five months from the beginning of March. Should be a nice country and will be active on 20 m. as VK5QZ/VK5B.

Dave 2EO chasing the elusive DX on 20 m. testing new 3 element w.s. beam. 2APV still in throes of building his first beam and toons 2AZM is doing well. Don 2LW and Lew 2GW busy during the W. contest in amongst the QRM and QRN: hope you make a big score Lyell. John 2ANF had a visit from Ken 2ANU of Muswellbrook who is a holidayer at Mona Vale and is looking for portable equipment. Ray 2AM is expecting to move into a new residence shortly; heard he had his car stolen and returned less radio, hard luck Ray. Bruce 2BG busy building a new house in the Dundas area and has a hard time getting 6 x 6 only.

Would any Amateurs interested in these notes like to help compile them? A short note covering the Ham activity in your area sent to your Zone Correspondent or to the QSL Manager will be very much appreciated. The addresses were given at the top of page 15 in last month's issue.

ST. GEORGE ZONE

Visited Cec Cronan who listens on v.h.f. very often. Has been active mobile. 2VC listening on 50.15 Mc. every night mobile. 2VR has shifted to new shack and is active on 144, 50 and 57 Mc. Tom 2XKZ continues all v.h.f. bands as usual. Newcomer to 6 mc. Colin 2ACK, welcomes contacts every night. Barry 2ANK at Heathcote listening on 576 Mc. particularly, and will welcome contacts on any band. Tom 2XKZ is on air most evenings. 2ADW on 6 also with low power, but very spasmodic. Joe 2RQ can be heard with very nice 6 mc. signal. 2FK very quiet lately, what's doing Tom? 2XH threatens to put up signs on 2 m. What has happened to 2MZA? V.h.f. is still operative. Charlie 2AKZ building 576 Mc. gear. Chas. 2YK has been busy studying television and his efforts with these notes are to be much appreciated. Thanks Chas.-Ed.)

WESTERN SUBURBS

Much the usual activity has been evident in this area recently, though contacts have not been as good on the whole, but despite that, most have made the best of conditions offering. 2AAB has been by car to VK3 and while there had time to visit one Ham

2SP. On return stoked the gear up on 10 and threatens to invade 144. 2AGX has been off nursing the latest type of 'flu, but back on the job now and has installed a radio signal range in the modulator to good effect. 2APT still playing with the beam, feed line suffered last month and is getting something good in poles shortly.

The Western Radio Club meets at Greenwood Hall, Liverpool Road, Enfield, each Tuesday night, all interested are welcome. This club has now applied for a transmitting license, and it is hoped to commence operations in the near future on 144 Mc. Operations on other bands will follow.

2AGU only heard on few occasions these days, busy with work seems to be the reason. 2SC putting out a nice signal, reading the mail we hear that Sam suffered a lightning strike to his rig yesterday, the doctors said little damage fortunately, and business as usual. 2AHD has a little time to get on the air, but busy with domestic chores. Will be v.f.o. controlled one day. 2LG worked on 20 recently, putting nice signal out on that band.

WOLLONGONG AMATEUR RADIO CLUB

The above club is busy training candidates for the forthcoming examinations. The club station 2ARV is heard every Wednesday evening on 40 m.c.s. v.f.o. using a Clapp oscillator. At the moment a new freq. meter-oscillator is being built by the members.

Eric 2AHY (ex-4HY) has been constantly operating 20mW's rig but has now portion of 40-20-10 m. built and has been working from his own QTH. Don 2AFD using a Type A Mk. III. from new QTH at Woonona, building a 20w. phone job for 1 and 14 Mc. Howard 2AMZ has building a 20w. rig for 20-10-10 m. a motor driven fully metered can be heard on 20 c.w. Col 2AZG experimenting with 2 m. gear, should be putting signals out soon; heard working 20 m. DX on h.w. vertical with much success. Eric 2DY not too active due to work building a compact 2 m. rig. 2LSD; his problem now is how to get beam off ground.

Harry 2AOX heard on 20 working VK6, 7 W, JA and a VR1; sorry to hear the OM has to QRT for 2 months for health reasons; best wishes Harry. 2ARV 2AFD hardly home on long periods from R.A.A.F. (Melb) on 40 and 20; has received some nice cards from overseas. Charlie 2MT heard chusing DX on several bands, good work. Charlie old boy, don't keep such late hours. 2LUB has come into the picture shortly and will regain his ear-bashing championship from the local boys working 40 m. Alan 2VH been QRT for a time having to vacate his QTH, has a new home almost completed and will be on the air again this month.

NORTH COAST AND TABLELANDS

The event of the year will take place on April 12, 13 and 14 at Urunga. It is the "Annual Do" of the North Coast group which has proved so popular over the last few years. It is very popular in fact that some of the chaps have returned there for their holidays and Hart 2JC has even built his own shack there. Present visitors to Urunga include 2AMV, 2DK, 2QI. If you wish to make some change to where you have spoken so often, then this is the opportunity to gratify that desire. Among the definite starters are 2XO, 2GV, 2AHM, 2UC, 2APB, 2AV, 2EL, 2WZ, 2AXZ, 2ACD, 2ABF, 2ASW, 2AFV, 2MP, 2BH, 2PQ, 2APX visiting Hams from VK, W and EL districts including the old "Monitor" Fred Leader who is well known to many of the old timers. Make sure that you bring your portable gear, not forgetting the receiver for the 444 Mc. contest which will easily allow you to clear expenses. See what you can do to make it a date.

Associate Arthur Monk had a pleasant tour visiting Hams on the Western Plains. Fred 2OF has been working his way up the coast via DX on 20 from his new QTH. John 2AMV has been holidaying on the North Coast and is rather concerned at the lack of power point facilities at the various camping areas he visited. Fred 2OF did a great deal of work and had many pleasant contacts with his portable rig even when his battery was on the way down. Peter 2PV has had a spot of worry the last few weeks over his "harmonics" who have not been sorted out yet. Doug 2SH has been recontacted and is all OK once again. Peter 2PV is back home again complete with XYL Ina who has recovered from her recent illness. Likewise Doug 2SH is on the band again after a spell in bed. Peter 2XO has just arrived from Newcastle to attend college and will no doubt be welcomed by the Hunter gang. Missed out on a very interesting 12-minute over from Norm 2RK the other day. Although his sigs were S minus could not copy them. Norm was not up to his old mark. However things like that happen to us all times. 2MM is another representative of the big smoke who will shortly enjoy his holidays at Urunga.

COALFIELDS AND LAKES

The following received from Jack 2ADT who is helping out while Harry 2YL has a spell. Quite a number of the chaps in this zone seem to have installed radio signal ranges in the modulator to good effect. 2APT still playing with the beam, feed line suffered last month and is getting something good in poles shortly.

The Western Radio Club meets at Greenwood Hall, Liverpool Road, Enfield, each Tuesday night, all interested are welcome. This club has now applied for a transmitting license, and it is hoped to commence operations in the near future on 144 Mc. Operations on other bands will follow.

2AGU only heard on few occasions these days, busy with work seems to be the reason. 2SC putting out a nice signal, reading the mail we hear that Sam suffered a lightning strike to his rig yesterday, the doctors said little damage fortunately, and business as usual. 2AHD has a little time to get on the air, but busy with domestic chores. Will be v.f.o. controlled one day. 2LG worked on 20 recently, putting nice signal out on that band.

WOLLONGONG AMATEUR RADIO CLUB

The above club is busy training candidates for the forth-coming examinations. The club station 2ARV is heard every Wednesday

evening on 40 m.c.s. v.f.o. using a Clapp oscillator. At the moment a new freq. meter-oscillator is being built by the members.

Eric 2AHY (ex-4HY) has been constantly

operating 20mW's rig but has now portion of

40-20-10 m. built and has been working from his own QTH. Don 2AFD using a Type

A Mk. III. from new QTH at Woonona, building a 20w. phone job for 1 and 14 Mc. Howard 2AMZ has building a 20w. rig for 20-10-10 m. a motor driven fully metered can be heard on 20 c.w. Col 2AZG experimenting with 2 m. gear, should be putting signals out soon; heard working 20 m. DX on h.w. vertical with much success. Eric 2DY not too active due to work building a compact 2 m. rig. 2LSD; his problem now is how to get beam off ground.

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WESTERN ZONE

Rod 2ACU, after a three-State 3,000 mile trip, now home, so went to Sydney and bought a new car. Coonamble has since had over eight inches of rain, so the "new" job has no miles up; can be unlucky! Graham, ex-2AGN, now 3MV, but not on the air as yet. 2VR, ex-Broken Hill, has secured a flat in Dubbo and is now looking for somewhere to hang up a sky wire. 2BR celebrated a birthday on the 28th by maintaining a strict radio silence; twenty-one again Bill! Bill 2MQ planning a visit to 2NS at Easter. After long years of absence, Phil 2IE will probably be on the air if recent reports prove correct; 50 Mc. nearing completion. A very welcome visitor in April will be Fred Leader, 77-year-old ZLer, known to many of the older Hams as the "ZL King". Fred has a small collection of the 50 m. band and was a regular listener on the Sunday night VK-ZL round tables. During his visit Fred will stay with 2HC, Quirindi. 2XO Raleigh and 2NS Bathurst, the wife of the late 2RJ, Reg Fagan, of "Sunnydale" Mandurama.

From Dubbo it is learned that Max 2II is now in his new home and active on 14 Mc. with a multi-element rotary and mighty sig overseas. 2AXS active on 7 and 14 Mc. Noel 2APB heard on 7 Mc. 2VZ not heard since Fred moved into new shack. Bill 2ACTF positive as far as can be ascertained. Rod 2AOE still on battery power and keenly awaiting the a.c. supply. Newest Ham in Dubbo is 2APX; will be looking for a contact as soon as you get in touch with him. 2ABF, Urunga, has the above Dubbo news. In Tom says he is QRQL with a wolf and the building of a caravan will be getting 144 gear going this winter. Jack 2OF of Doonside, heard occasionally on 7 Mc. keeping pace with 2AGA.

John 2LX is away on a caravaning trip on the North Coast looking for any possible places a tx could be hidden round Urunga. For the first twelve days it rained. At 2WH, radio this month has been seriously interfered with by preparing for and recovering from a fishing trip to the Murray River. Main interest, still trying to make two-way contact with Bathurst and Sydney on 144 Mc.

HUNTER BRANCH

An exceptionally large turn up at the February meeting was treated to a very fine lecture by 2ZD, Johnny spoke on the "Rothman System of Modulation" and the lengthy and enthusiastic discussion which followed was evidence of the interested manner in which the course was received. And don't miss the brief case from which John pulled the modulator capable of giving enough audio for a 500 watt carrier!

President 2CS was in the chair and Lionel 2EJ gave a hearty welcome to 2OT ex-Brookhaven Hill. Max now resides here and we are pleased to have such a progressive Ham in our Branch. Surprise of the evening was announcement by 2XO that he and Mrs. Present spoke for all when he stated that although we were sorry to lose Bill, all wished him well in his new venture. Bill's affable manner made him popular with all, and known from personal experience he was always helpful with his helping hand. Lots of luck to you, 2XO, and helping him in KVM OM. Members were pleased to have Vice-President 2AFS again taking active part in meeting

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The social news this month is the marriage of our good pal ZXY. Most Newcastle Hams have been assisted by Neil at some stage and all wish him and XYL Mavis the very best in the future. Many local lads are preparing for Urunga to uphold our prestige against the "W.I.L." Warragul. 2AFC has completed their new rx for 144 hiddens back; Harold pleased with results from L4 tubes. 2KG is taking the family up; Ken has f.t.b. sig on 40-20 with QRP rig now. 2PT finishing off car radio to provide entertainment travelling to Urunga. 2AMH is taking Bill 2AMH and associates more entertainment! 2UY and 2NX very quiet lately. Another who is making the trip is 2CN but Bert lying doggo lately. 2IS (with 2ASJ) will also be in Vanguard and 2ASJ (with 2ASJ) is on the frontiers of Urunga pilgrimage. Making a comeback on 20 mx phone, Ron 2AAI found he can still put a good sig into Europe. Bad conditions haven't stopped 2AAM from working plenty of DX on 20—helped by his Dad, Merv, experimenting with various beam types.

2ZC cleaned up shack and Jim put sig on for first time since DX contest. George 2AGD putting up "flop over" beam on 20. The "one man" 2AKX preparing to go on 20. The Sun still shines bright for Fred 2AGY to break long silence. 2MR active on 40 and Edgar making up coils for 20. Norm 2ANA popped up on 40. 2CW says he does something called "work" which keeps him off air. Recent experiments show first 200% improvement in 50% improvement in noise level! 2WU has nice sig on 20 with reconditioned beam perkling well. A good 40 phone sig still emanates from 2CI at week-end but no definite 2PT. Errol recently writing V.A.D. in quick time. Nil heard of 2ANG lately so maybe Phil on 10 too.

Meeting Notice.—Special announcement! The April meeting will be held at the 2HR Auditorium, Maitland, on Friday, 4th April, when a speaker will be invited from the NSW Divisional Council. Roll up Cooldaids and Upper Hunter Hams and bring anyone interested. Newcastle members please contact the Secretary re transport. NOTE.—First Friday of the month.

VICTORIA

EASTERN ZONE

3SG back on the job this month. Ossie 3AHK begged to be excused while he did battle with a home-brew rx and I mean battle! The R.I. did their rounds of the zone during the month, hearing everyone's news in order, even 3WD had a freq' report! It is rumoured that shortly after the R.I. arrived at 3AHK Ossie and he were seen heading for the local hostel, my word 3AHK will get on.

3IZZ getting a real signal on 3650 Kc. using 3AT with a class two tube modulation. I'm afraid he's got into the rough with b.c. though. 3ABP, another regular on the hook-ups these days, putting in a good signal also. 3JP's new receiver is nearly finished with work on it expected to be on again soon. Incidentally, Arthur got that radio controlled aircraft working again, apart from a crash or two. 3AFG was quite active again, he actually had a look at his rig last month. 3AFA (unfortunately by a silicon lady) What is it? fire brigade or VL Fred? Associates David Scott, John Battarick, Alan Jacka and Ritchie Matherson are sitting for the A.O.C.T. exam in April. The zone would like to take this opportunity of wishing you the best of luck boys. All are prodigies of the Sale Radio Club.

The Sale Radio Club held its monthly meeting on the usual third Tuesday, when a very good number were present. Graham 3QZ spoke at length on the need for more portable and mobile work in the zone. This was with a view to possible emergency work in the future. It was decided therefore to hold a portable and mobile Field Day on 6th April. A contest will be held in conjunction with mobile stations having the highest sounding potential. A set of points was worked out allowing points for working mobile, portable, and fixed stations both within and outside of the zone. The arrangements for the day over the zone hook-up and the co-operation of all Hams is requested. The success of the Field Day will depend of course on the number of stations that are on, so what about it chaps?

FAR NORTH WESTERN ZONE

During the past few months members of the zone have been doing a spot of re-building. Chas 3TI, having modulator trouble, has tried out several modulators in an endeavour to overcome lack of modulation. In spite of all that he has managed to keep the weekly show with 3WI. Harry 3MF has completed new modulator and erected new antennas and hopes to have a signal on the band soon. We'll be listening for it Harry. Ned 3ADN will continue to work hard to get the shack once in a while and work some DX on 20. He is also thinking hard of a system to rotate the old beam with a minimum outlay of cash.

Jim 3APF has moved to Mildura and now lives one block from 3GZ. Jim hopes to be on shortly. Hold up at present is the shack under construction. Max 3GZ has all-band final working in the TA12 and has beam on 14 Mc., and is chasing a bit of c.w. DX.

Big news from Ouyen. The a.c. has arrived and Frank has unpacked his beloved Type 3 and is getting it into chassis. On 20 he doesn't hear much of Frank on our Sunday afternoon hook-up, bad QRM from "Bowl". How about showing up one Sunday Frank? 3AFC, like old Arab, has found his tent and moved on. Fred 3AEK from Ballarat, expect we will hear from you soon Fred. We have had some visitors through Mildura over the past few months. Max 2OT, late of Broke Hill, camped at Mildura for approx. a week. Had a nice mobile 40 mx rig in the car. Bill 3AMH at present at Cardross.

CENTRAL WESTERN ZONE

The Zone Field Day, which was a disappointment to the organisers, was won by 3RL. Lin is to be congratulated for his effort as he was persistent, however, by lack of sensitivity in his rx, which resulted in numerous answers to CQs not being heard—you can't keep a good man down.

3ACI has just completed a portable for the car and it seems to work out very well (you'll need it if you're going to the beach). Charlie is also getting on 14 Mc. and looking for contacts. Will I ask you, with another addict in Horsham, that should be easy. Keith, who is now nicely settled back in Stawell, is busy building one 20 ft tower on which to mount the old 14 Mc. beam. It is a tall, long narrow beam. 3AJC is back on the air, and with the new 2300 a.s. supply fun and games will soon be had by all. 3GN, another of the missing ones, has all the gear up and in the new house, but no juice until a few more poles are erected, and the two-phase supply brought in.

After a few weeks' holiday, 3HL appeared once more on 3.5 Mc. with his usual good signal. Alan finds DX on 14 not so good—have a look on 7 and 3.5 Mc. If there too? 3DP has completed his 1000 ft 20 ft for 14 Mc., however nothing was heard on the test with the last week—let's hope the generator has not burnt out. Dick 3RR and 3APA have once more tried to imitate the mountain goats and climb Mt. Wilson, using a radio 144 Mc. sigs your blues certainly do it. It's hard work and hate the rumour about a VK4 hearing 3RN on an indoor folded dipole on 2 or 8 mx? Never mind, Dick, it's all in the cause of science, and they at least don't call you "Donald Duck."

3ARL has been experimenting with combined control and screen grid modulation using the Clapp circuit. It's fine in a b.c. but not in a m.c. and now gets 160% modulation. 3YW also finds it an improvement as his receiver gets less of a bashing while Lin is on; Lin also has (believe it or not) been heard on c.w. of late.

The next zone hook-up will be held on the second Sunday in April at 1000 hours on approx-

imately 7155 Kc. 3YW in control, will you be there?

NORTH EASTERN ZONE

3U1 building again, this time a crystal controlled converter for 40-20-10-6 metres; works well on all bands too. 3LJ on holidays, 3AT practising at being William Tell, so I hear. 3JC had a 20 mc beam, 3 element rotary. Results are not yet known. 3LJ has a 10 mc beam with ground plane and has 3U1, 3LJ, 3APF and 3JC all studying to find out where the mismatch is; incidentally the front-to-back ratio from all points of the globe has been 30 to 36 db. Beam damage is when a guy wire shot through, not much damage—the beam-lifting gang will again be welcome.

3KR getting emergency communications organised in Benalla and district. Pity conditions were so bad Ken for the demo. 3U1, 3APF and 3JC were all attempting to get for you a SAGT emergency from the zone for the missing for a word of advice or information for the zone correspondent. Hope the reply wasn't too fierce Sam. Among those I list as missing are 3ACK, 3PE, 3AGG, 3APF. Where do these fellas get to in the summer time?

3CI now occupying a major portion of the kitchen, right next to fire too. 3LJ and 3ACW playing with 2 mx. 3U1 made a hurried visit with 3LJ when for closed Melbourne down, Mangalore on these days is as busy as Bourke Street. 3LJ has a 10 mc beam, 3 element rotary. 3AT also, if conversations on antennae is any thing to go by, 3ALE working hard, must be seldom, hear him on. By the by, what happened to that idea of another zone picnic before the weather gets too cold.

SOUTH WESTERN ZONE

Well fellas, once again it would seem that the zone notes are a little on the mean side, and what news I have, is mainly derived from my very sporadic listening on 3.5 Mc. Accuracy of the zone members on bands is variable here that is 2.5 and 7 Mc. has not been high. Of those who work 20 and 10 and upwards, I know nothing. At one time news was, in the past regularly seen in the Ballarat and Warrnambool areas but this, after a few spasmodic lapses, finally ceased.

Neil 3HG is heard occasionally on 80 and is a very regular starter in the weekly zone hook-ups. Neil, in spite of the poor conditions, manages to snare some solid DX. 3ADN has been busy the last month through the same reason, the last month to produce dust. Fat got so used to it during the annual C.M.F. camp at Puckapunyal that he finds he can no longer live without it.

3AGD has become quite interested in 144 Mc. again and has renovated the six element Lenfo and installed a new beam computer, but to date has heard nothing but a faint ignition noise. John should be able to work through to Horsham now that 3JR has migrated there. 3AKR is busy besides with the farm work, getting together gear for the s.s.c. tx which is under way. Kevin is also pursuing the same operations as 3ADN. 3AMH had some rather bad

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luck with the Renault which left same rather crumpled along one side.

The S.W. Zone Convention will be held on the week-end of 5th and 6th April. The Convention will be held at Geraldton and bring along that d.f. equipment as tx units will be held on the Sunday.

QUEENSLAND

It is with pleasure that I hand over the Sub-Editorship to 4AP. Let's hope you get the cooperation from the zone correspondents Alf. Good luck Alf OM, and I sure look forward to your articles. I cannot sign off without thanking Clare for her regular monthly contributions. I hope we will still continue to read your corner, Clare.

Our new Federal Councillor, 4FE, figured in an unusual set-up the other day. He and VK5 made up a large round-table between a W and a VK3 VK3, VK5, VK6, and VK7. Also the same gent heard a VK3 on 144 or was it 288 Mc.? I do not know, but anyway I know he is not an Tx expert, but he did let me tell it to me. Did I ever tell you about Clare's Pop (4NC) and how he painted himself into the corner of the bathroom? What is more, the paint wouldn't dry for days.

We are very grateful to young 4FP for accepting the job of Secretarship again. Same goes to the QSL boys too, but I know John has a little more work to do than other members of Council which also includes the publication of the zone news sheet. I hope you chaps who went back for a second helping.

Bob 4RW reports he worked 4KS at some place called Lamont and 4VK3 at Cunningham, also 3LN at Victoria during the Peld Day vacation. He has just sent in card for DX C.C. membership; congrats Bob OM. He is not sure if F1EOKVA is OK or not for DX C.C. Has anybody any clues?

Well, cheerie and thanks for having me for the month of March. Like old pals, we're sure to turn up again, but in the meantime please send all the gossip you can to either Clare or Alf 4AF.

CLARE'S CORNER

Congratulations to Ray 4FJ and his XYL Olive on the arrival of a son. No more staying up late to work DX now Ray or you'll wake the baby. 4CC, the "Chermade Clipper," has purchased a car, so I wouldn't be surprised if

Ham Radio suffers for a while and jaunts in the car take first preference. 4ZB, having worked that elusive JA9, has now only to wait for the cards before he can claim the "Worked All Japan" badge.

Holidays seem to be the order of the day lately. 4KS and family are going on a motoring holiday down south. 4EL will be down from Townsville to spend his holidays with his father in Camp Hill. 3LR and a couple more Bulbarat boys will be spending holiday in Brisbane, including 2JJZ who will stay overnight and then travel to the South Coast. 2AIR is back home after holidaying here for a couple of weeks. I wonder when we can afford holidays after buying radio parts these days.

Shortly 4TN and 4AP will be taking over the position of State Managers for SW-ER respectively. Best of luck to both of you. 4T1 is replacing the folded dipole with a ZL special. Hope it works out OK. Tom, 4EL of Townsville seems to be in possession of a secret weapon. He collected 4ZB and another fine tube blew up. We then contacted 4NG whose poor twin former went up in smoke. 4WF then broke in and finished the contact with a spare for everything closed handy.

COUNTRY JOTTINGS

From 4GG we heard that he had words with 4RF at Cominya who reported that 4LT is leaving Cominya for Nanango and hopes to be on the air from the new QTH. 4RF himself also reported that 4GG was away but so far no new QTH has been suggested.

From 4GH at Maryborough we are told that 4BG and 4AI are doing well on 50 Mc. 4BG is using a three element beam and 4AI a folded dipole. The latter has a QRP rig. 4AI 11, 4SE has left the retail trade and has joined the local b.c. station. He is also active on 20 m. 4KG has joined the R.A.A.F. again. This time permanently we hear, so it looks like he will be working DX again. 4SE and 4GH once more swings the stick at school after a very f.b. vacation, but Gordon reports that the fishing was very poor.

SOUTH AUSTRALIA

The monthly general meeting of the VK5 Division for February was held at the club-rooms to a very representative gathering and

the guest speaker was Dave Hosking 5DH who gave a very interesting lecture on "The new South Australian Railways' diesel trains." These new diesel trains have aroused quite a deal of interest and the speaker was able to connect with the installation right from the beginning. It was expected that he would be the right man to lecture on them, and I might say that our expectations were exceeded. The evening was a success. Both the audience and the speaker were greatly interested and it was received with the same enthusiasm as was the opportunity to ask questions which preceded it. Nice work Dave.

At the opening of the meeting Ross 5LW welcomed the President "Doc" SMH back to the chair after his absence, and although he had been ill for some time, he found time to sincerely thank the Past President (Hal) for taking the chair in his absence, and with a smile in his voice he alluded to the fact that the Vice-President (Paddy) had taken the chair in the absence of the chair at times. Among the welcome visitors were Messrs. Basson (2), Roper, Smith, Fletcher, Orr and Laidlaw. To these gentlemen we say welcome and come again.

Bert 5DR, who puts up such a good performance in the Jubilee Radio Contest, has now left the lighthouse at Kangaroo Island and is domiciled at the lighthouse at Cape Borda. Congratulations Bert, you put the VK5 Division well out in the spotlight. Heard George 5GD on 20 the other Sunday asking a VK3 for A check on his phone, so I presume that he has been bitten by the DX bug again. Well done OM. 5FB should be given the job of publicity officer for Clare judging by the way he was rapping it up on 40 the other Sunday, although he was not exactly raw it up when he started his QTH as regards noise level. By the sound of it the noise level must be terrific. Ross 5LW has been telling all and sundry on 20 mhz about the annual fishing trip that he and Max 5CF had and he made it sound like a fisherman's paradise. I am sure that they caught over 100 crays and heaps of whiting, and finished up using the said whiting for lobster bait!

Alan SVO was heard telling Brian 5FQ of his proposed re-building programme and apparently he considers that his newly built shack deserves something better than his old rig, because he was giving dark hints of separate finals for all bands and a sooper-doooper rx with fixed-tune converters for each band, with a tuneable lf. Robert Pearce, one of my spies,

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is having trouble with his rx but was still able to snoop a little for me, thanks OM.

Who was the person associated with the Gaols Department who pointed out some timber to a timberman from Police? Does anyone know who was ever present to assist the said gentleman to carry the timber to the beam being erected at the Wayville Showgrounds? Black mark, Eddie. The other night I came home from the post office and went to the junction just before Hettie on 29 mx. Wham! What do you think came back at me? Wham! You said it, nothing!

Tom SWK, who conducts the slow morse session in VK5, tells me that the noise on the 3.5 Mc. band may be too much for the learners. Anyways, despite repeated requests for reports on the transmissions, he has received none. Tom wonders whether he is wasting his time and power.

STW is still putting most of his spare time into his radio gear although Tom seems to have had a little time for a few contacts on 40 mx. as a means of breaking the monotony. 5CH is still out in the country and as quiet as a mouse. So far Claude has not been able to make the 108 radio very well, although he has had contact with STW, but is only after getting within a stone's throw of Tom's QTH. A big stone mind you. SJA is back at work after his honeymoon but as yet John has not even thought of radio. He hopes to have active with him again soon, you have remembered my advice OM, regarding DX before dashes! Excuse me for a short while, my wife has called me to help wipe up.

SMS hopes to move into his new home in a couple of weeks and so far it goes without saying that he is a very busy man, although I must admit that my spies tell me that Stuart is, at that, still the most heard station down that way and manages to get a new one occasionally. He has 100 nominations to the SCU and is still in the fishing sweep and has returned to that beam that I mentioned a few months ago. All the bearings have been "lined-up" and Erg expects to be using it by the next month. SFD has nothing to report except that the month of April is a non-guru holiday but the door is open there is any truth in that paragraph of mine recently concerning the junior-up of SCJ. If the said junior-up ever takes it into his head to go a-visiting the harmonic of John, he will

SJG has had a few contacts on 40 mx and an odd one on 20, but Col has been doing more listening than actually transmitting, especially on 10 mx. His radio activity on 2 m has gone to temporary retirement for some reason or other and therefore there is not much more that he can do other than listen. SDF, who will be remembered for his activity at Kadina, has now shifted to Port Lincoln and is busy to the bone. He has a new beam and a new antenna to flow into the ohms watt pay their bills (what a humours!!). Wally says that he will be too busy to think of coming on the air for some time yet but I have heard that he remains before the microphone, however, after his long stay in hospital and it should not be long before Harry is gathering his gear together and gets on the air. He tells me that he is heartily sick of doing nothing and will welcome the chance of getting back into the saddle again.

SWK who has been relieving at the most powerful station in the State during the sickness of SKW has now returned to the big city. However, my spies tell me that Wyk was back in Renmark last week and although he has been heard to say that "The River gets you I" I sometimes feel that there is more to it than that. The fact that it is Autumn and not Spring confuses the issue a little, but I still think that SWK has been relieved of his duties and has shifted to his new QTH at Renmark, to the accompaniment of loud cheers and visible signs of relief from the gang at Barmera, although why the moving of a little QRM should affect the poor boy I don't know. I am sure that he is spending most of his time trying to decide which room to make his shack in, although if he only knew it, his XYL has already decided that one for him, but of course when he has been around the world for as long as he has, he will be under the impression that he thought of it first. The voice of experience speaking!

SCF has been very busy with odd pieces of radio gear, including a v.f.o. with a measure of success. Much fun has been little unbroken in coming on radio at a time when the bands are all going through the doldrums, but at least it can't last forever, or can it? SBC has been a little quiet lately because he is in the process of getting his new shack. Once upon a time, Hughie, you didn't want any audio stage in the new rx, I am not being personal. SSL has re-built his final for the tenth time and is up to an 83% rating as yet, not bad.

Funny feeling of success at last, it even looks good! He strained his voice of optimism very badly the other night by calling a KG6 on c.w., but his ten watts apparently did not make the distance because the KG6 remained strangely

silent. Of course the signal could have fused the serial. No? Oh well, it was only a suggestion. SJH is paying a visit to the Upper Wayville boys early in March, and Will be taking some time off to add to his collection of over 40 VK5 stations. The local boys are busy with dusters and rubbish bins in anticipation. Brian SFQ is on a holiday in the Upper Murray district, and if my report is correct he is renewing acquaintances made when he was last here at the second best broadcasting station in the State some years ago.

The Ross Hull Memorial Certificates were much admired in VK5 and all felt that F.E. had excelled themselves so much so that it has been suggested that same should be sent to the A.R.R.L. to show what can be done in VK. No doubt these words of praise for F.E. sound a little strange coming from me, but at least I can recognise good work as well as record niggles in woodpiles. The two representatives of VK5 for the above-mentioned meeting were Mr. D. Brown and Mr. J. Godley (VK4JG). Both points were discussed and the President ruled that (1) Normally no amendment is permitted to a motion of which notice has been given that the member proposing to accept or reject it stands. The fact that the meeting allowed the amendment without challenge gives the amendment legal force. (2) Constitutionally the amendment is out of order, it virtually increases the Council from nine to ten members. For this reason he ordered the motion to be re-submitted in the next bulletin, in its original form.

The ballot for our Federal Councillor was decided at the meeting, 67X and 68M were scrutineers. SKW received 45 votes, GHL nineteen, and 6AK nine, GHL therefore being declared elected. Of the 135 ballot papers sent out, only 73 were returned. That means my members mean that you are, and possibly YOU don't care to vote. I hope that the 68M will resolve to take a mite more interest in your Division and see that next time ballot papers go out we get more than 58.4% return. After all, it costs country members like myself \$1d. to vote—no excuse for you to be slackers! At the same meeting the R.F.C. Certificate, won by Bill FMB, was duly presented to him. Would like to hear your cheery voice on 40 again sometime, Bill.

Referring to the election of Federal Councillor, I should trace my footsteps to record that GHW spoke in appreciative vein of the services rendered the Division and the Institute as a whole by the retiring Councillor SGH. Jim said that the post of P.C. was not an easy one and that the work involved in getting elected from George had been about as difficult as getting an 807 to neutralise. Rank and file members probably would not realise in just how many ways George had served the Division. In due course I will save it to say that the new Federal Councillor SKW moved a vote of thanks to GCM which was seconded by GHL and carried with acclamation. I might add that George and his XYL spent a week or two up at the coast, where they enjoyed the gentle (?) southerly breezes, the flies, mosquitoes and other fauna. Life in the great outdoors and all that!

The lecture at the meeting was given by Mr. G. W. Dean, who was Secretary of the Mid North Club, based in the town of W.I.A. Mr. Dean spoke interestingly of early days when he held the call sign 'XYL' (no kiddin' fellers!) and Wally Coxon now 6AG was 'XWK'. The club was founded in 1908 and ran until after World War I. It met in the Social Room of P.B.S. where "Tinner" McCall, whom many thousands of this States' youths (now grown men), must remember affectionately. The vote of thanks to Mr. Dean at the end of a most interesting talk was carried by GHL, "the buyer seemed interested". Well, it's a year or two since I last saw you, Mal, but I can't believe you're showing your age to that extent. On the other hand take a peek at some of the radio hams like 6AG, 6SM and 6WR—now there's "crabbed age" for you if you like—but not "Bluey"—surely not!

After the President had read out in silver tones a recognition of "Pete's sake" and the nice picture about that 7 Mac, we have yet we haven't, an auction was held of surplus gear; no reserve was allowed and according to the copy of the minutes sent me by GHL, "the buyer seemed happy anyway."

Before leaving the official business I must remind you all that the April meeting will be held NOT on the second Monday this month, but on the FIRST Monday, which is, 7th April. Be sure to attend for it will be both the April general meeting and the annual general meeting. A good attendance is especially requested.

On the subject of the April meeting, reports from my spies this month and together with GHL's usual secret cipher (for Pete's sake, somebody, buy a new ribbon for Harry's mill!), which, when returned from M.L.5 turned out to be the minutes, I find myself with enough material to fill about four columns. How's about it, Chief?

One of the nicest gestures was a screed from Alex 6AS who once had this thankless task of

agenda items and the advice that these had duly been forwarded on. New members enrolled and welcomed were J. Godley (VK4JG), Bunderup and N. Lee. Lee VK6LT (Albury). Two visitors were present, Mr. and Mrs. MU (Menzies). Mr. D. Brown, Mal by the way, beside that local paper which must remain anonymous for fear of libel actions, etc., was wrong in a report published about 6MU's bread-and-butter. The paper in question said it had recently been "improved in flavor to 2000 miles". Lee also had something to say about the amending of a motion of which due notice had been given and also pointed out that the amendment giving the Federal Councillor a vote on Council in the name of the section, not himself, being a Councillor was out of order. Both points were discussed and the President ruled that (1) Normally no amendment is permitted to a motion of which notice has been given that the member proposing to accept or reject it stands. The fact that the meeting allowed the amendment without challenge gives the amendment legal force. (2) Constitutionally the amendment is out of order, it virtually increases the Council from nine to ten members. For this reason he ordered the motion to be re-submitted in the next bulletin, in its original form.

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knows what it's like to be without news. That's part Alec tells me Mac, GMG has been busy at his building some electric guitars for that local photography fans. Three have rolled off the assembly line so far and all appear to be doing the required job. Mac, OM, how about designing one for the "hullo-goodby DX specialists" so's they won't have to waste time talking unnecessary to people in whom their only interest is a new piece of paste-board? Should sell like disposals—and make your fortune too, like the same stuff has done for others.

Alec is a regular visitor to Maribyrnong during February was GMU who had intended journeying on to Beyup Brook but owing to a hitch in arrangements spent the night in what Alec describes as "this fair city." Mac said both GMU and GMF were married men and the tales that were told. As for the next part of Alec's letter, I don't know whether to brush away a strong, silent tear of compassion for him or just sit there with a smirking laugh at the "old-hat-tell-you-all-type" quote. "When I first came down here in November everyone assured me that a.c. would be on tap by Christmas or shortly after." They omitted to say which Christmas. Unquoted.

Bill G. has sent me some of his plaintive calls for help and out of the blue came some very welcome additions to the call signs I include in this column from month to month. Bill says he's recently increased power to 50 watts and has put up a 15-metre mast above the chimney but some work had to be put in on matching systems to get the s.w.r. down. Bill says the T-match and 150-ohm line gave best results although he hasn't quite sorted out yet. Bill paid a visit to FVPM's place some time ago and Bob was so impressed with Eric's shack that he went home and tore his own to bits and re-built it, also the rig! FVPM has now a "husky" ham (mentioned in FVPM's letter but so secret that Frank said "now!" about it in the letter HE wrote me!) and it seems every country is now within his grasp; Bill says the boys are quite up to it. Frank has written to me this quarter, up to SPW doesn't mind! GLD is always good for a QSO on 14 Mc. Clarrie runs 40 watts (when the mains are up) and swears by his vertical folded-dipole. SPB popped up recently after many months of silence and after a few 10 watts he gets around just the same. SNC surprised 14 Mc., one night [late] recently by coming on and calling. My spy tells me it's the first time he's heard Neil on 20 mx. Neil and I didn't even know he was in Australia no doubt! Mail-delivering has received a new low with the VK6GW-VSIAD combination has not been heard. 6AP has to wait till late at night to do his DXing as he works a sprocket-hole strip antenna from a star forming "garbage box" performing! A.F. 6IG is putting a back verandah on his Attadale mansion—not much time for hammering, they tell me. SPW believed to be still at home but not very active. Bill and I have been active with the resident M.O. at Forreston after I wrote to him and so far recovered as to write to ME—then it was my turn to faint. Quickly recovering I read what he had to say and it appears that Bill's been DXing on 14 Mc. since last year. Quite up recently for a contact with VK1BUT but "n.d." Says Forrest is as good a spot as you could wish for, for reception, but the band conditions are just plain bad. Tells me Alan Doodson 6AR is married and has settled in Kalgoorlie and setting up in business on the 14 Mc. band. DX stations please note.

6CA also wants me to "lack down" a subject from another Division who "had a crack" VRSK on the amateur frequency question which, having been solved some time ago, is now stale, as Bill says. Wait till some month when the mailbag isn't bulging with spied reports, Bill, and then let him have a word in the middle of his "over-delivering station."

Cheerfully Briefly: 6CN has moved from Geraldton to Kellerberrin. 6LC puts out a nice signal with low power and makes the National news headlines with its clear QSL cards. 6LJ has joined the 6EC household in "Wireless World" type wobulator sweep-sign generator. 6LG heard ZSS on A-3 at height of the day on 7 Mc., 24/25 March. 6LT has noted new tone receiver and says "this is great." Bill joined the Clarence gang and having got the new QTH shipshape is in there working the DX, even promises to be on 7 Mc. again some day. The new Advisory Committee comprises 6LJ, 6AC, 6PFB, 6GW and 6HC.

Unbelievable Dept.: One-time VRSKA, of Boulder, and war-time resident of Geraldton, Andy Watkins is married! 6FL saw him and his wife "passing" through but didn't know anything to where Andy married! Well, blow me down. He was one I never thought they'd catch.

Erratum: Referring to an earlier paragraph, I've looked over 6HL's copy of the Divisional minutes again and have decided that what

somebody should buy him is a new typewriter for his ribbon!

TASMANIA

The Annual General Meeting of the Division was held at the Photographic Society's Room, 174 Liverpool Street, on Saturday, 1st March. The President, Bob O'May, opened the meeting at 5.30 p.m. and invited 40 members from various parts of the State to attend. The North West was ably represented by VCA, but we were disappointed by the absence of visitors from the North West. VK3 land prestige was capably upheld by Lance G. Allen, 2022.

L. Brown and G. Crook were appointed as scrutineers to check Council Ballot Papers, after which the following officers were elected for 1952: Patron, Mr. L. Crooks; Vice-Presidents, L. Johnson, J. Brown, D. O'May, R. Kinnane; Past President, Manager, Mr. reflected Broadcast Officer, VLE re-elected; QSL Officers, TAL and JSF re-elected; V.H.F. Officer, TAJ; Auditors, TBJ and TGR; Slow Morse Transmissions, TKA; and Publicity, TJD.

On the return of the Scrutineers, the Ballot results were read and the new Council: L. Edwards, R. D. O'May, F. J. Evans, A. Johnson, T. Allen, S. Excell and R. Fulton.

A certain amount of QRM and cross-talk was experienced during the meeting, so was asked to decide upon a new night for future meetings and it was finally decided that Thursday night would suit the majority of members.

The meeting closed at approx. 8.30 p.m., and members then adjourned to Ellerlie House for the Annual Dinner. Officer in Charge were Mr. F. M. Morris, Radio Inspector of the Wireless Branch, P.M.G.C. Dept., and Mr. T. Weeks, of O.T.C.

Quite a few members lingered late in an endeavour to leave no doubt in the minds of the Dinner Committee, that their efforts were greatly appreciated. Our thanks go to the committee, consisting of VAF, V.H.F. and TAL, for a most enjoyable evening.

A highly successful Field Day and Tx Hunt was held on the following Sunday. The hidden on 144.5 Mc. was operated by TOM and TBJ. Quite a bit of merriment ensued when it was realised that Bob's climb heavenwards after a halo was essentially practical and not spiritual. Tx was made from just below the top of the hill, the starting point. Mt. Rumney by VLE. Barney Watson ran into second place one minute after VLE, and half minute ahead of the VDH/TAJ combine. Albie lost some time in getting across the property, a barb-wire fence, and Barney's efforts are to be commended when one considers that he was looking for Uranium at the same time.

I must apologise for the somewhat sketchy nature of the foregoing notes, but I did not realise that it would be responsible for them, until assured by the previous Officer that the post was vacant possession. So many years of learning "never to volunteer," and one still gets caught. However, I shall endeavour to improve—come April—TJD.

NORTHERN TASMANIAN ZONE

With 80 mc. practically useless due to static and with an improvement in weather—More DX has been heard, some increased activity on this band in recent weeks. TPF, who has settled down in a new QTH, has been heard testing on 40. Peter is lucky in that he is located in one of the residential areas of Hobart, about 6 km. from the nearest distance away. TPF has also been active on 144 Mc. as has TLLZ, the man with the mighty beam.

TDB has now moved into his new house but considers he will not be active for some time, whilst another busy home-builder is 7WLX who has been heard on 40 and 70 meters. From TGM comes news of a logarithmic compressor that sounds f.b. Gordon finds it more effective than his previous spatter suppressor. TLX and TREC have been heard on 40. TREC is in town in his official capacity. TLX is wearing a very worried look, not because of this, but because he will soon be between two fires. Observation shows that Ken's QTH is directly in line with TRK and TREC's proposed new address. Ray is in Tasmania about 150 yards north of TLX and Chris about the same distance south. Look out QRM.

TTE doesn't quite know what to make of things when someone refers to him as "Hans" or "Eduard." Hans knows that he refers to his Amateur Radio activities or his Amateur Home broadcast. (One way of working all States, etc.) Bill, but you won't get any QSL cards for it).

TLX has a quiet holiday in Sydney has been THY. Secrets TAJ also enjoyed a fine holiday. TCA, who is now settled in Launceston, was along to our last meeting and warmly welcomed, hope to hear him on 40 before long.

At the Annual Meeting held in the zone the following office-bearers were elected: President, TAJ; Secretary, TGM; V.H.F. Officer, TLLZ; Lecture Officer, TPF; Zone Correspondent, TXW.

NORTH WESTERN ZONE

Sorry I missed last month, but owing to a brief spell in hospital, you truly has been out of circulation. I am now available again and mend again. It has come to my hearing that we have gained a new member, namely, Mr. S. Medford—fine business on passing the exam. S. Medford also my partner in business that one of the pillars of this zone has been transferred some short distance, namely TAB. hope we see you at our meetings occasionally Doug. Heard TWA calling CQ on 10 mx the other day. And, I am certainly awaiting the signature of Eddie. But, Eddie VK3 has been doing some time on the same band in his spare time which I believe is very scarce now-days.

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FOR SALE.—5" C.R.O. complete, in excellent condition, price £25. F. Smith, 32 William St., Forbes, N.S.W.

SELL.—AR8, 140 Kc. to 20 Mc., a.c. power supply, £21. 9-valve Comm. Rx power supply and speaker, band spread Modulated Oscillator, a.c., £7/10/-. Ferro-tune unit and chassis, 5v. broadcast, £2. 150 Ma. 30 henry choke, £1. 0-1 Ma. Meter (multimeter scale), £1. Set (16) AR14 Coils, 10/-, 455 Kc. LF Transformers, 2/6 each. Must sell. Particulars, K. Bridger, 132 Nott St., Port Melbourne, Vic.

SELL.—Complete issues "CQ" 1951. Best offer April 15 be notified. E. Trebil-cock, 184 Osborne St., Williamstown, Vic.

SELL.—Hi-Fi Speaker Labrynth, 10 or 8 inch source, Mahogany French Polish, Cow Hair lined, £15, Win. 2263.

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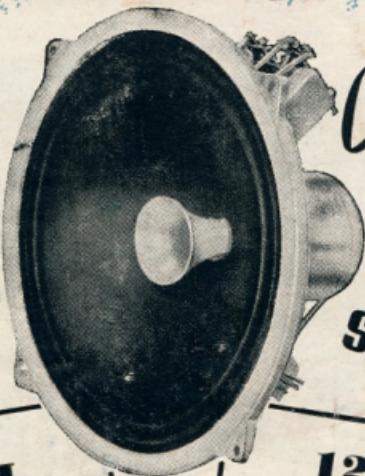
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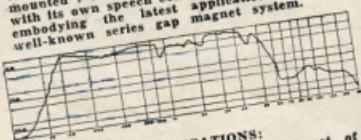
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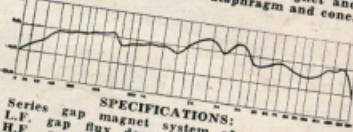
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 Alcomax 3. 50 to 14,000 c.p.s. series gap magnet of Flux in L.F. gap, 12,000 gauss on 1" pole.
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 H.F. metal diaphragm, convex formation 1" diameter, mechanically protected and loaded by non-resonant central pressure horn.
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 Series gap magnet system of Alcomax 3. L.F. gap flux density of 14,000 oersteds.
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 Total magnetic flux 20,000 lines, oersteds.
 L.F. speech coil impedance, 15 ohms at 1,000 c.p.s.
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 L.F. diaphragm of multi-fibre material, graduated cone formation, 12" diameter.
 H.F. metal diaphragm, convex formation 1½" diameter, mechanically protected and loaded by non-resonant central pressure horn.
 Cross-over network, with input impedance of 15 ohms, fitted to loudspeaker chassis.
 Chassis material, pressure die-cast from Mazak 3 non-magnetic and non-resonant alloy.
 Frequency coverage: 30-17,000 c.p.s. with base resonance at 45 c.p.s.
 Power handling capacity—15 watts.

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